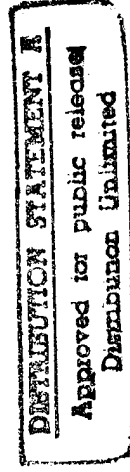


DEPARTMENT OF THE NAVY
FY 1997 BUDGET ESTIMATES



19960508 106

MARCH 1996

PROCUREMENT, MARINE CORPS
BUDGET ACTIVITY 4
COMMUNICATIONS AND ELECTRONICS EQUIPMENT

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DEPARTMENT OF THE NAVY
FY 1997 PROCUREMENT PROGRAM
(\$ IN MILLIONS)

DATE: MARCH 1996

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

EXHIBIT P-1

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
	BA 1	AMMUNITION		133.2	188.9	68.9
	BA 2	WEAPONS & TRACKED COMBAT VEHICLES		41.2	52.0	24.5
	BA 3	GUIDED MISSILES & EQUIPMENT		41.2	24.2	43.4
	BA 4	COMMUNICATIONS & ELECTRONICS EQUIPMENT		186.5	218.7	315.4
	BA 5	SUPPORT VEHICLES		31.1	22.8	14.0
	BA 6	ENGINEER & OTHER EQUIPMENT		75.2	81.3	46.6
	BA 7	SPARES & REPAIR PARTS		31.0	50.9	42.7
TOTAL PMC APPROPRIATION				539.4	638.8	555.5

NOTE: FOR FY 1995 AND FY 1996, BA1 AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

DEPARTMENT OF THE NAVY
FY 1997 PROCUREMENT PROGRAM
(\$ IN MILLIONS)

DATE: MARCH 1996

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

EXHIBIT P-1R

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
	BA 1	AMMUNITION		2.1	1.4	2.3
	BA 2	WEAPONS & TRACKED COMBAT VEHICLES		2.2	14.2	4.5
	BA 3	GUIDED MISSILES & EQUIPMENT		18.0	4.9	0.9
	BA 4	COMMUNICATIONS & ELECTRONICS EQUIPMENT		23.4	8.8	58.9
	BA 5	SUPPORT VEHICLES		0.2	0.8	0.0
	BA 6	ENGINEER & OTHER EQUIPMENT		0.5	8.2	2.6
	BA 7	SPARES & REPAIR PARTS		0.1	0.2	0.2
TOTAL PMC APPROPRIATION				46.5	38.5	69.4

NOTE: FOR FY 1995 AND FY 1996, BA1 AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

DEPARTMENT OF THE NAVY
FY 1997 PROCUREMENT PROGRAM
(\$ IN MILLIONS)

DATE: MARCH 1996

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

EXHIBIT P-1

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
BUDGET ACTIVITY 4 - COMMUNICATIONS & ELECTRONICS EQUIPMENT						
26	402700	MANPACK RADIOS & EQUIPMENT		0.001	14.1	0.0
27	414500	TSC-96 PIP FLEET SATELLITE COMMUNICATION TERMINAL		0.5	0.0	0.0
28	421300	JTIDS INTG		5.0	6.9	0.0
29	440200	AUTO TEST EQUIP		2.1	12.0	12.2
30	442900	GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT		3.7	6.1	8.6
31	451000	SINGGARS RADIO SYSTEM		65.8	47.0	0.0
32	455500	MODIFICATION KITS (TEL)		1.1	1.1	0.0
33	456700	ITEMS LESS THAN \$2 MILLION (TEL)		2.2	1.4	0.0
34	458800	POSITION LOCATION REPORTING SYSTEM (PLRS)		0.001	0.0	0.0
35	459400	TACTICAL AIR OPERATIONS MODULE (TAOM)		3.7	2.4	0.0
36	459700	ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC)		0.0	9.1	0.0
37	461000	MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS)		8.0	0.0	0.0
38	461100	ADVANCE FIELD ARTILLERY TACTICAL DATA SYSTEM (MAFATDS)		5.3	11.9	0.0
39	461300	TACTICAL COMBAT OPERATIONS		0.0	10.8	0.0
40	468300	AN/TQ-36 FIREFINDER RADAR UPGRADES		0.0	0.0	30.4
41	474400	METEOROLOGICAL SYSTEMS		9.4	0.0	0.0
42	474700	INTELLIGENCE SUPPORT EQUIPMENT		14.4	44.3	26.4
43	474900	MODIFICATION KITS (INTEL)		0.1	0.9	12.0
44	475100	ITEMS LESS THAN \$2 MILLION (INTEL)		1.0	1.7	0.0
45	481000	ELECTRONIC TMDE REPAIR FACILITY		0.7	0.0	0.0
46	483700	GENERAL PURPOSE MECHANICAL TMDE		1.0	3.0	3.0
47	493000	NIGHT VISION EQUIPMENT		39.3	7.1	17.2
48	494200	ADP EQUIPMENT		16.5	23.0	0.0
49	463100	COMMAND POST SYSTEMS		0.0	0.0	11.4
50	463200	MANEUVER C2 SYSTEMS		0.0	0.0	7.6
51	463300	RADIO SYSTEMS		0.0	0.0	52.9
52	463400	COMMUNICATIONS SWITCHING & CONTROL SYSTEMS		0.0	0.0	16.9

04/03/96

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DEPARTMENT OF THE NAVY
FY 1997 PROCUREMENT PROGRAM
(\$ IN MILLIONS)

DATE: MARCH 1996

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

EXHIBIT P-1

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
53	463500	TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT		0.0	0.0	53.6
54	463600	MODIFICATION KITS MAGTF C4I		0.0	0.0	43.4
55	463700	ITEMS < \$2M MAGTF C4I		0.0	0.0	0.3
56	463800	MODIFICATION KITS (OTHER)		0.0	0.0	4.1
57	463900	ITEMS < \$2M (OTHER)		0.0	0.0	2.6
58	464000	AIR OPERATIONS C2 SYSTEMS		0.0	0.0	5.3
59	494000	MARINE ENHANCEMENT PROGRAM		0.0	3.3	7.7
60	495700	TEST, CALIBRATION & MAINTENANCE SUPPORT		1.5	0.0	0.0
61	496900	MODIFICATION KITS (NONTTEL)		5.1	9.1	0.0
62	498400	ITEMS LESS THAN \$2 MILLION (NONTTEL)		0.0	3.4	0.0
*** BUDGET ACTIVITY 4 TOTAL ***				186.5	218.7	315.4

DEPARTMENT OF THE NAVY
FY 1997 PROCUREMENT PROGRAM
(\$ IN MILLIONS)

DATE: MARCH 1996

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

EXHIBIT P-1R

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
BUDGET ACTIVITY 4 - COMMUNICATIONS & ELECTRONICS EQUIPMENT						
26	402700	MANPACK RADIOS & EQUIPMENT		0.000	0.7	0.0
28	421300	JTIDS INTG		1.0	0.6	0.0
29	440200	AUTO TEST EQUIP		0.0	0.0	3.5
30	442900	GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT		0.8	0.6	2.3
36	459700	ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC)		0.0	2.3	0.0
38	461100	ADVANCE FIELD ARTILLERY TACTICAL DATA SYSTEM (MAFATDS)		1.7	2.8	0.0
40	468300	AN/TPQ-36 FIREFINDER RADAR UPGRADES		0.0	0.0	6.8
41	474400	METEOROLOGICAL SYSTEMS		2.0	0.0	0.0
42	474700	INTELLIGENCE SUPPORT EQUIPMENT (TRSS)		4.5	0.0	0.0
46	483700	GENERAL PURPOSE MECHANICAL TMDE		0.0	0.3	0.6
47	493000	NIGHT VISION EQUIPMENT		13.2	0.0	0.0
50	463200	MANEUVER C2 SYSTEMS		0.0	0.0	0.6
51	463300	RADIO SYSTEMS (SINCGARS)		0.0	0.0	30.8
52	463400	COMMUNICATIONS SWITCHING & CONTROL SYSTEMS (ULCS)		0.0	0.0	2.2
54	463600	MODIFICATION KITS MAGTF C4I		0.0	0.0	10.7
59	494000	MARINE ENHANCEMENT PROGRAM		0.0	0.0	1.5
61	496900	MODIFICATION KITS (NONTTEL)		0.2	1.4	0.0
*** BUDGET ACTIVITY 4 TOTAL ***				23.5	8.8	59.1

Procurement, Marine Corps
Program and Financing (in Thousands of dollars)

00 MAR 96

Identification code	17-1109-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)				Obligations	
		1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Program by activities:							
Direct program:							
00.0101	Ammunition						
00.0201	Weapons and combat vehicles	41,200	51,977	68,884	4,062		55,107
00.0301	Guided missiles and equipment	41,216	24,208	24,481	45,727	109,017	31,135
00.0401	Communications and electronics equipment	186,527	218,696	43,460	53,866	20,080	38,907
00.0501	Support vehicles	31,148	22,859	315,393	201,154	208,168	294,325
00.0601	Engineer and other equipment	75,160	81,325	13,972	31,838	25,198	16,164
00.0701	Spares and repair parts	30,975	50,886	46,653	70,916	88,992	53,244
				42,664	35,833	41,961	42,698
00.9101	Total direct program	406,226	449,951	555,507	443,396	493,416	531,580
01.0101	Reimbursable program	3,911	9,400	9,400	3,838	13,067	9,400
10.0001	Total	410,137	459,351	564,907	447,234	506,483	540,980
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-3,795	-9,400	-9,400	3,080	-9,400	-9,400
13.0001	Trust funds(-)	-116			-369		
17.0001	Recovery of prior year obligations				-17,148		
21.4002	Unobligated balance available, start of year:						
21.4003	For completion of prior year budget plans						
21.4009	Available to finance new budget plans						
	Reprogramming from/to prior year budget plan	-6,600	-378		-190,167	-159,153	-112,021
	Unobligated balance available, end of year:	-4,443			-6,600	-378	
24.4002	For completion of prior year budget plans						
24.4003	Available to finance subsequent year budget	378			159,153	112,021	135,948
25.0001	Unobligated balance expiring	4,443			378		
					4,443		
39.0001	Budget authority	400,004	449,573	555,507	400,004	449,573	555,507
Budget authority:							
40.0001	Appropriation	419,444	454,765	555,507	419,444	454,765	555,507
41.0001	Transferred to other accounts (-)	-20,240	-6,087		-20,240	-6,087	
42.0001	Transferred from other accounts	800	895		800	895	
43.0001	Appropriation (adjusted)	400,004	449,573	555,507	400,004	449,573	555,507

Procurement, Marine Corps
 Program and Financing (in Thousands of dollars)

00 MAR 96

		Budget Plan (amounts for PROCUREMENT actions programmed)				Obligations	
Identification code		1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
17-1109-0-1-051							
Relation of obligations to outlays:							
71.0001	Obligations incurred				449,945	497,083	531,580
72.4001	Obligated balance, start of year				1,036,638	851,409	820,396
74.4001	Obligated balance, end of year				-851,409	-820,396	-786,756
77.0001	Adjustments in expired accounts (net)				-20,759		
78.0001	Adjustments in unexpired accounts				-17,148		
90.0001	Outlays (net)				597,267	528,096	565,220

Procurement, Marine Corps
Object Classification (in Thousands of dollars)

00 MAR 96

Identification code	17-1109-0-1-051	1995 actual	1996 est.	1997 est.
Direct obligations:				
125.101 Advisory and assistance services		4,636	3,101	4,552
126.001 Supplies and materials		174,721	165,328	225,883
131.001 Equipment		264,039	324,987	301,145
199.001 Total Direct obligations		443,396	493,416	531,580
Reimbursable obligations:				
231.001 Equipment		3,838	13,067	9,400
299.001 Total Reimbursable obligations		3,838	13,067	9,400
999.901 Total obligations		447,234	506,483	540,980

Comparison of FY 1995 Program Requirements as Reflected
in the FY1996 Budget with the FY 1995 Requirements
as shown in the FY 1997 Budget

DATE: MARCH 1996

Summary of requirements (in millions of Dollars)

NOMENCLATURE	Total Program Requirements per FY 1996 Budget	Total Program Requirements per FY 1997 Budget	Increase or decrease (-)
BA 1 AMMUNITION (PANMC)	135.3	133.2	-2.1
BA 2 WEAPONS & TRACKED COMBAT VEHICLES	30.3	41.2	10.9
BA 3 GUIDED MISSILES & EQUIPMENT	49.9	41.2	-8.7
BA 4 COMMUNICATIONS & ELECTRONICS EQUIPMENT	196.3	186.5	-9.7
BA 5 SUPPORT VEHICLES	27.8	31.1	3.3
BA 6 ENGINEER & OTHER EQUIPMENT	76.6	75.2	-1.4
BA 7 SPARES & REPAIR PARTS	37.3	31.0	-6.3
Subtotal Direct Program	553.5	539.4	-14.1
Reimbursable	9.4	3.9	-5.5
Total Fiscal Year	562.9	543.3	-19.6

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Comparison of FY 1995 Program requirements as Reflected
in the FY 1996 Budget with the FY 1995 Requirements
as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

1. Ammunition (-\$2.1)

The Rockets, All Types line in the Procurement of Ammunition Navy and Marine Corps Appropriation (PANMC) had an excess of funds and was rescinded in section 8092 Ship Cost Adjustments (-\$2.1).

2. Weapons and Tracked Combat Vehicles (\$10.9)

All changes were the result of minor execution adjustments (\$10.9).

3. Guided Missiles and Equipment (-\$8.7)

All changes were the result of minor execution adjustments (-\$8.7).

4. Communications and Electronics Equipment (-\$9.7)

Funds were reduced from the Intelligence Support Equipment and Automated Data Processing Equipment Lines as part of approval of the Omnibus reprogramming (-\$12.4). The remainder was due to minor execution adjustments (\$2.7).

5. Support Vehicles (\$3.3)

All changes were the result of minor execution adjustments (\$3.3).

6. Engineer and Other Equipment (\$1.4)

All changes were the result of minor execution adjustments (\$1.4).

7. Spares and Repair Parts (-\$6.3)

All changes were the result of minor execution adjustments (-\$6.3).

Comparison of FY 1995 Financing as Reflected
in the FY1996 Budget with the FY 1995 Financing
as shown in the FY 1997 Budget

Summary of requirements (In millions of Dollars)

Description	Financing per FY 1996 Budget	Financing per FY 1997 Budget
Program Requirements (Total) (Total Direct) (Total Reimbursable)	562.9 (553.5) (9.4)	543.3 (539.4) (3.9)
Less: Anticipated Reimbursements Appropriation Rescinded	(9.4)	(3.9) (14.9)
Add: Transferred from Other Accounts		0.8
Appropriation (Adjusted)	553.5	525.3

UNCLASSIFIED

Comparison of FY 1995 Financing as Reflected
in the FY 1996 Budget with the FY 1995 Financing
as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

Explanation of Changes

The decrease in program financing represents Congressional Action of the FY 1996 Presidents Budget. The following programs were affected: Rockets, All types, Intelligence Support Equipment, Automated Data Processing Equipment (ADPE), and the Drug Interdiction Program. The Rockets (-\$2.1) and ADPE Programs (-\$0.4) were reduced as a result of Congressional Action (sec 8092) (-\$2.5). The Intelligence Support Equipment (-\$9.0) and ADPE (-\$3.4) Programs were reduced due to Congressional approval of the Omnibus Reprogramming (-\$12.4). The Drug Interdiction Program received funds from the Procurement Defense-Wide Appropriation (\$0.8).

Comparison of FY 1996 Program Requirements as Reflected
in the FY1996 Budget with the FY 1996 Requirements
as shown in the FY 1997 Budget

DATE: MARCH 1996

Summary of requirements (in millions of Dollars)

NOMENCLATURE	Total Program Requirements per FY 1996 Budget	Total Program Requirements per FY 1997 Budget	Increase or decrease (-)
BA 1 AMMUNITION (PANMC)	110.9	188.9	78.0
BA 2 WEAPONS & TRACKED COMBAT VEHICLES	39.1	52.0	12.9
BA 3 GUIDED MISSILES & EQUIPMENT	31.0	24.2	-6.8
BA 4 COMMUNICATIONS & ELECTRONICS EQUIPMENT	166.6	218.7	52.1
BA 5 SUPPORT VEHICLES	24.1	22.9	-1.3
BA 6 ENGINEER & OTHER EQUIPMENT	50.6	81.3	30.8
BA 7 SPARES & REPAIR PARTS	52.0	50.9	-1.1
Subtotal Direct Program	474.1	638.8	164.7
Reimbursable	9.4	9.4	0.0
Total Fiscal Year	483.5	648.2	164.7

UNCLASSIFIED

Comparison of FY 1996 Program requirements as Reflected
in the FY 1996 Budget with the FY 1996 Requirements
as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

1. Ammunition (\$78.0)

Procurement of Ammunition Navy and Marine Corps received Congressional Increases. The following rounds received Congressional Increases: 7.62 MM, All Types; .50 Caliber, All Types; 81MM HE; 155mm Red Bag; Fuze, M762; Grenades, All Types; and Items Less than \$2 million (\$92.3). Decreases included prorated reductions for revised economic assumptions (-\$4.3) and a proposed fiscal year 1996 rescission resulted in a reduction to the 81MM HE round (-\$10.0).

2. Weapons and Tracked Combat Vehicles (\$12.9)

The Modification Kits (Tracked Vehicle) Program received a Congressional Increase (\$12.3). Revised economic assumptions reduced funds (-\$1.1) and minor execution adjustments increased funding (\$1.7).

3. Guided Missiles and Equipment (-\$6.8)

Revised economic assumptions resulting in a prorated reduction (-\$0.5). The remainder was due to minor execution adjustments (-\$6.3).

4. Communications and Electronics Equipment (\$52.1)

Communications and Electronics Equipment received Congressional Increases (\$38.0). Additionally, revised economic assumptions reduced funding (-\$4.5) and a fair share distribution of a Congressional ADP adjustment also reduced funds (-\$0.2). The remainder was due to minor execution adjustments (\$18.5).

5. Support Vehicles (-\$1.3)

The Trailer Program received Congressional Increases (\$5.5). Also, revised economic assumptions reduced funding (-\$0.6). The remainder was due to minor execution adjustments (\$6.2).

6. Engineer and Other Equipment (\$30.8)

The Training Devices Program received Congressional Increases (\$38.6). Also, revised economic assumptions resulted in prorated reductions (-\$1.8) and a transfer from O&M, MC increased funding for expense/investment limitations (\$0.9). The remainder was due to minor execution adjustments (-\$6.9).

7. Spares and Repair Parts (-\$1.1) Revised economic assumptions reduced funding for Spares and Repair parts (-\$1.1).

Comparison of FY 1996 Financing as Reflected
in the FY 1996 Budget with the FY 1996 Financing
as shown in the FY 1997 Budget

Summary of requirements (In millions of Dollars)

Description	Financing per FY 1996 Budget	Financing per FY 1997 Budget
Program Requirements (Total)	474.1	648.2
(Total Direct)	(464.7)	(638.8)
(Total Reimbursable)	(9.4)	(9.4)
Less:		
Anticipated Reimbursements		(9.4)
Appropriation Rescinded	(9.4)	
Add:		
Transferred from Other Accounts		0.9
Appropriation (Adjusted)	464.7	639.7

UNCLASSIFIED

Comparison of FY 1996 Financing as Reflected
in the FY 1996 Budget with the FY 1996 Financing
as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

Explanation of Changes

The increase in program financing represents Congressional Action of the FY 1996 President's Budget. Congressional Increases to high priority Marine Corps Programs resulted in increases totaling \$188.0 million.

Additionally, other Congressional Action of the FY 1996 President's Budget had the following impacts: the Automated Data Processing Equipment Program was reduced due to Section 8101 of the fiscal year 1996 DoD appropriations Act (-\$0.2). The Command Support Equipment Program had funds transferred from O&MMC due to expense\investment threshold limitations (\$0.9). Reductions totaling \$14.0 million were prorated against all procurement programs due to section 8125 revised economic assumptions (-\$14.0).

Lastly, the 81 MM HE Round was partially recommended for rescission (-\$10.0).

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MANPACK RADIOS AND EQUIPMENT								
		RCN: 041311								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
			440	0	0	0	0	0		
COST (IN MILLIONS)		0.001 \$	14.1 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	
<p>The AN/PSC-5 is a lightweight, manportable UHF satellite communications (SATCOM) terminal that will provide long-range single channel communications. The AN/PSC-5 incorporates the Demand Assigned Multiple Access (DAMA) protocol mandated by the Joint Chiefs of Staff; non-DAMA will not be allowed to communicate by satellite after 30 Sep 96. The AN/PSC-5 provides embedded Communications Security (COMSEC) and encrypted voice and data capabilities, ensuring multi-service interoperability with most existing and planned communications systems. In addition to voice and data, the AN/PSC-5 interfaces with facsimile, teletype, NET radio Interface (NRI), and Frequency Modulation FM retransmission media, such as SINGARS.</p> <p>ACQUISITION OBJECTIVE: 645</p> <p>FY 93: 80 = 12% OF AO FY 96: 520 = 81% OF AO</p> <p>FY 97 PROCUREMENT IN BLI 463300</p> <p>FY 95 FUNDING WAS TO HOLD THE LINE OPEN.</p>										
BLI NR. 402700		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> P-1 SHOPPING LIST ITEM NO. 26 PAGE NO. 1 </div>								

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) (RCN: 041311)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION MAGNAVOX, RICHARDSON, TEXAS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
AN/PSC-5 (EMUT)	A0917				31,004		440		13642
FY95 FUNDING IS TO HOLD THE LINE OPEN				1					
SPECIAL TEST EQUIP									283
MOUNTS/PWR ADAPTERS					8,958		16		143
FACTORY TRAINING									64
INITIAL SPARES									(67)
TOTAL ACTIVE COST				(1)					(13432)
TOTAL RESERVE COST				(0)					(700)
TOTAL COST				1					14132
BLI NR. 402700									0
P-1 SHOPPING LIST				EXHIBIT P-5					
ITEM NO. 26				PAGE NO. 2					

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE: AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) RCN: 41331
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPEC AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
AN/PSC-5 FY 96 VEHICLE MOUNTS W/PWR ADAPTERS	MAGNAVOX RICHARDSON, TX	C/FFP/O	CECOM	APR 96	SEP 98	440	31,004	Y	N	
FY 96	ROCKWELL	C/FFP/O	MARCOR	APR 96	SEP 97	16	8,958	Y	N	
REMARKS:										

BLI NR. 402700	P-1 SHOPPING LIST		EXHIBIT P-5A
	ITEM NO. 26	PAGE NO. 3	

CODE B	ITEM DESCRIPTION		DATE			
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4		AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) RCN: 041311				
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E)	Plan/Actual					
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual					
c. Operational Test & Evaluation (OT&E)	Plan/Actual	MAR 95	S/W INTEGRATION			
d. Available Date of Technical Data Package (TDP) or Performance Specifications	OCT 92	OCT 92				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: MAR 96						
3. EQUIPMENT ITEM(S) TO BE REPLACED: AN/PSC-3, LST-5C, AN/MRC-140						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: The AN/PSC-5 will have DAMA protocol capability required for satellite access after 30 sep 96, improved COMSEC, reliability, and portability.						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
TOTAL RDT&E FUNDING			\$	\$	\$	\$
			0	0.019	0.075	0
REMARKS: *ASU WILL BE BASED ON 1ST ARTICLE TEST COMPLETED IN MAR 95. ** AUTHORIZES THE INITIAL MATERIAL RELEASE OF THE RADIOS.						
BLI NR. 402700	P-1 SHOPPING LIST			ITEM NO. PAGE NO.		
				26 4	EXHIBIT P-19	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: PSC-5

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 92
DEPOT MAINTENANCE FLOAT: 118
TOTAL: 210

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 151
II MARINE EXPEDITIONARY FORCE: 151
III MARINE EXPEDITIONARY FORCE: 109
SELECTED MARINE CORPS RESERVE: 22
SUPPORT ESTABLISHMENT: 2
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 435

APPROVED ACQUISITION OBJECTIVE 645

26-5

TAMCN/DODIC: <u>A0917</u> ACQUISITION OBJECTIVE: <u>645</u>		ITEM NAME: <u>AN/PSC-5 ENHANCE MANPACK UNF TERMINAL</u> RCN: <u>41311</u>			
		FY 1994	FY 1995	FY 1996	FY 1997
ENDING INVENTORY					
30 SEP 1993					
GAINS:					
*FY BUDGET				440	
*OTHER		0	0	440	0
TOTAL					
LOSSES:					
*COMBAT USMC					
*COMBAT ALLIES					
*PEACETIME					
*WASHOUT					
*SALES					
*OTHER		0	0	0	0
TOTAL					
NET CHANGE (+/-)		0	0	440	0
ASSET POSITION:					
*STD SERVICEABLE		80	80	520	
*STD UNSERVICEABLE					
*SUB SERVICEABLE					
*SUB UNSERVICEABLE					
TOTAL		80	80	520	0
\$M VALUE		\$ 3.0	\$ 3.0	\$ 17.2	\$
% A/O ON HAND/FUNDED		12 %	12 %	81 %	0 %
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY: <u>440</u>			
FY 97 AND BEYOND MOVES TO BLI 463300, RADIO SYSTEMS.		VALUE: \$ <u>14.2 M</u>			
		FY 1997 RECOMMENDED BUY - QUANTITY: <u>M</u>			
		VALUE: \$ <u>M</u>			
BLI NR. <u>402700</u>		P-1 SHOPPING LIST		EXHIBIT P-20A	
		ITEM NO. <u>26</u>		PAGE NO. <u>6</u>	

EXHIBIT P-21

BUDGET ITEM JUSTIFICATION SHEET										DATE												
APPROPRIATION/BUDGET ACTIVITY:																						
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										4												
AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL										RCN: 140132												
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001														
		1	0	0	0	0	0	0														
COST (IN MILLIONS)	\$	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
<p>The AN/TSC-96A is an Ultra-High Frequency (UHF) Satellite Communications Central used at the Marine Expeditionary Force, Wing, Division, and Force Service Support Group Headquarters which provides record message traffic and secure voice communications out of and within the Amphibious Objective Area and within the Naval Telecommunications System. It receives the Fleet Broadcast subsystem and provides access to the Navy's Common User Digital Information Exchange Subsystem (CUDIXS) and the Fleet Secure Voice Communications Network on a world-wide, terrain independent basis. It provides standard termination in the Defense Communications System. This program will replace Secure Voice with Advanced Narrowband Digital Voice Terminal (ANDVT), upgrade Communication Security equipment and add Demand Assigned Multiple Access (DAMA) to CUDIXS -- all required for interoperability. Also, it will replace the current computer system with one that adds increased data processing and data storage capability and supportability, add a PC computer LAN for message distribution and refit the current two shelter configuration into a single, improved S-280c/G shelter.</p> <p>This item is Code A.</p> <p>The Acquisition Objective is 10. MOD</p> <p>FY94 and prior: 9 90% of A/O AN/TSC-96A 10 100% of A/O</p> <p>Models of Systems Affected: AN/TSC-96A</p> <p>Modification Title:</p> <table border="1"> <thead> <tr> <th></th> <th>FY 95</th> <th>FY 96</th> <th>FY 97</th> </tr> </thead> <tbody> <tr> <td>AN/TSC-96A</td> <td>0.534</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td>0.534</td> <td>0</td> <td>0</td> </tr> </tbody> </table>												FY 95	FY 96	FY 97	AN/TSC-96A	0.534	0	0	TOTAL	0.534	0	0
	FY 95	FY 96	FY 97																			
AN/TSC-96A	0.534	0	0																			
TOTAL	0.534	0	0																			
<p>INSTALLATION AGENCY</p> <p>NAWC(AD), ST INIGOES, MD</p> <p>INSTALLATION</p> <p>BEGIN: FEB 96 END: AUG 96</p> <p>END ITEM</p> <p>AN/TSC-96A</p>																						

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL (RCN: 140132)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION NAWC(AD) --ST. INIGOE, MD		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE			FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
AN/TSC-96A	A			315,418	1				
INSTALLATION COSTS									
SPECIAL TEST EQUIPMENT									
INTEGRATED LOGISTICS SPT									
Initial Spares					(82)		(213)		(281)
BLI NR. 414500				534		0		0	

P-1 SHOPPING LIST
 ITEM NO. 27

PAGE NO. 2

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL
										RCN: 140132
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
AN/TSC-96A FY 95	NAWC(AD) St. Inigoes, MD	PO	MarCorSysCo	OCT 95	AUG 96	1	\$315,418	YES	NO	N/A
REMARKS:										

BLI NR. 414500

P-1 SHOPPING LIST
ITEM NO. 27
PAGE NO. 3

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: AN/TSC-96A

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 0

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 3
II MARINE EXPEDITIONARY FORCE: 3
III MARINE EXPEDITIONARY FORCE: 3
SELECTED MARINE CORPS RESERVE: 0
SUPPORT ESTABLISHMENT: 1
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 10

APPROVED ACQUISITION OBJECTIVE

10

27.4

ASSET DYNAMICS

DATE:

ITEM NAME:
RCN:

AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL

140132

A0657

10

TAMCN/DODIC:
ACQUISITION OBJECTIVE:ENDING
INVENTORY
30 SEP 1993

FY 1994

FY 1995

FY 1996

FY 1997

GAINS:

*FY BUDGET

*OTHER

TOTAL

4
0
41
0
10
0

0

LOSSES:

*COMBAT USMC

*COMBAT ALLIES

*PEACETIME

*WASHOUT

*SALES

*OTHER

TOTAL

0
0
0
0
0
0
00
0
0
0
0
0
00
0
0
0
0
0
00
0
0
0
0
0
0

NET CHANGE (+/-)

4

1

0

0

ASSET POSITION:

*STD SERVICEABLE

*STD UNSERVICEABLE

*SUB SERVICEABLE

*SUB UNSERVICEABLE

5

9

10

10

10

TOTAL

\$M VALUE

5

\$2.0

9

3.7

10

4.2

10

4.2

10

4.2

% A/O ON HAND/FUNDED

50 %

90 %

100 %

100 %

100 %

COMMENTS:

FY 1996 RECOMMENDED BUY - QUANTITY:

VALUE:

\$ 0

FY 1997 RECOMMENDED BUY - QUANTITY:

VALUE:

\$ 0

BLI NR. 414500

P-1 SHOPPING LIST

PAGE NO.

ITEM NO.
27

EXHIBIT P-20A

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL

MODELS OF SYSTEMS AFFECTED: AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL

DESCRIPTION/JUSTIFICATION:

The AN/TSC-96A will complete the JCS-mandated DAMA modification to the system, add the capability to interface with the MSC-63A's TCC/SSCC, provide interface with a LAN, upgrade all computer and security equipment, and reduce the system configuration from two shelters to a single S-280C/G shelter.

DEVELOPMENTAL STATUS/

MAJOR DEVELOPMENT MILESTONES:

Single shelter configuration is in full scale development. Integration of new/existing equipment continues.

FINANCIAL PLAN: (\$ in Millions)

RDT&E

PROCUREMENT

Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
1								1
0.315								0.315
0.089								0.089
0.083								0.000
								0.083

EXHIBIT P-3A INDIVIDUAL MODIFICATION

27-6

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COME	TOTAL
QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
1	0.047						1

INSTALLATION OF HARDWARE

(FY 1995) Exp (1 Kits)
 (FY 1996) Exp (Kits)
 (FY 1997) Exp (Kits)
 (FY 1998) Exp (Kits)
 (FY 1999) Exp (Kits)
 (FY 2000) Exp (Kits)
 (TO COMP) Exp (Kits)

TOTAL INSTALLATION COST 1 0.047

TOTAL PROCUREMENT COST 0.534

METHOD OF IMPLEMENTATION: ADMIN LEAD-TIME: MONTHS PRODUCTION LEAD-TIME: MONTHS

CONTRACT DATES: FY 1996 FY 1997

DELIVERY DATES: FY 1996 FY 1997

INSTALLING SCHEDULE:

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
1						1

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

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BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

P-1 ITEM NOMENCLATURE:

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM

RCN: 041693

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	0	0	0	0
COST (IN MILLIONS)	\$ 5.0	\$ 6.9	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

THIS IS A ROLL-UP LINE FOR THE JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).

THE JTIDS TERMINAL PROVIDES A HIGH-CAPACITY, JAM RESISTANT, SECURE, DIGITAL COMMUNICATIONS CAPABILITY FOR THE TACTICAL COMMAND AND CONTROL (C2) PLATFORMS.

THIS PROJECT PROCURES JTIDS CLASS 2/2H TERMINALS FOR THE FOLLOWING USMC HOST PLATFORMS: TACTICAL AIR OPERATIONS MODULE (TAOM), ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC), AND AIR DEFENSE COMMUNICATIONS PLATFORM (ADCP). THIS PROJECT ALSO PROCURES HARDWARE (INCLUDING GOVERNMENT FURNISHED PROPERTY (GFP)) REQUIRED TO INTEGRATE THE JTIDS CAPABILITY INTO THE TAOM AND THE ATACC.

ACQUISITION OBJECTIVE (A/O): CLASS 2 TERMINALS = 25

FY 95: 9 = 36% OF AO
FY 96: 19 = 76% OF AO (INCLUDES 2 PRODUCTION UPGRADE KITS)
FY 97: 24 = 96% OF AO (INCLUDES 3 PRODUCTION UPGRADE KITS)
FY98-01: 25 = 100% OF AO (INCLUDES 1 PRODUCTION UPGRADE KIT)

FY 97-01 PROCUREMENT IN BLI 463200.

BLI NR. 421300

P-1 SHOPPING LIST
ITEM NO. 28 - 1
PAGE NO.

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME JOINT TACTICAL INTERFACE DISTRIBUTION SYSTEM (JTIDS) RCN: 041693		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997			
		UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST		
JTIDS CLASS 2	A	520,540	9 4,685	566,000	8 4,528				
TERMINAL									
HIGH POWER AMPLIFIER GROUP (HPAG)				515,000	2 1,030				
PRODUCTION UPGRADE KIT FOR FSD TERMINAL				299,988	2 600				
CENTRAL SOFTWARE SUPPORT ACTIVITY/INTERMEDIATE SOFTWARE SUPPORT ACTIVITY			274		366				
SUPPORT COSTS					341				
Active Component							(6299)		
Reserve Component							(566)		
Initial Spares							(702)		
TOTAL COST			4959		6865				
BLI NR. 421300		P-1 SHOPPING LIST		ITEM NO. PAGE NO.		28 - 2		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:				P-1 ITEM NOMENCLATURE:						
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY				JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)						
				RCN: 041693						
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
JTIDS CLASS 2 TERMINAL										
FY 95	GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA		USAF, ESC HANSKOM	JUN 95	JUN 97	9	520,540	YES	NO	N/A
FY 96	GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA		USAF, ESC HANSKOM	JUL 96	JUL 98	8	566,000	YES	NO	N/A
HIGH POWER AMPLIFIER GROUP (HPAG)										
FY 96	GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA		USAF, ESC HANSKOM	APR 96	APR 98	2	515,000	YES	NO	N/A
PRODUCTION UPGRADE FOR FSD TERMINAL (CLASS 2)										
FY 96	GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA		USAF, ESC HANSKOM	JUL 96	JUL 98	2	299,988	YES	NO	N/A
REMARKS:										

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 3
TOTAL: 3

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 4
II MARINE EXPEDITIONARY FORCE: 4
III MARINE EXPEDITIONARY FORCE: 4
SELECTED MARINE CORPS RESERVE: 4
SUPPORT ESTABLISHMENT: 6
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 22

APPROVED ACQUISITION OBJECTIVE

25

28.4

ASSET DYNAMICS		DATE:																																																																																																																																						
ITEM NAME: JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM																																																																																																																																								
RCN: 041693																																																																																																																																								
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ITEM NO. 28		PAGE NO. 3																																																																																																																																						

ITEM AND MANUFACTURER	U/M	S E R V	PROGRAM QUANTITY												FISCAL YEAR: 98												FISCAL YEAR: 99												FISCAL YEAR: 00												L A T E R																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07	PY 08	PY 09	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	PY 17	PY 18	PY 19	PY 20	PY 21	PY 22	PY 23	PY 24	PY 25	PY 26	PY 27	PY 28	PY 29	PY 30	PY 31	PY 32	PY 33	PY 34	PY 35	PY 36	PY 37	PY 38	PY 39	PY 40	PY 41	PY 42	PY 43	PY 44	PY 45	PY 46	PY 47	PY 48	PY 49	PY 50	PY 51	PY 52	PY 53	PY 54	PY 55	PY 56	PY 57	PY 58	PY 59	PY 60	PY 61	PY 62	PY 63	PY 64	PY 65	PY 66	PY 67	PY 68	PY 69	PY 70	PY 71	PY 72	PY 73	PY 74	PY 75	PY 76	PY 77	PY 78	PY 79	PY 80	PY 81	PY 82	PY 83	PY 84	PY 85	PY 86	PY 87	PY 88	PY 89	PY 90	PY 91	PY 92	PY 93	PY 94	PY 95	PY 96	PY 97	PY 98	PY 99	PY 00	PY 01	PY 02	PY 03	PY 04	PY 05	PY 06	PY 07

SHEET 2 OF 2

MANUFACTURER'S NAME & LOCATION		REACHED	
SEC. TOTOWA, NJ		MIN	MAX
ROCKWELL, CEDAR RAPIDS IA		1	16
		1	16
BLI NR. 421300			

PROCUREMENT LEAD TIME		TOTAL	
ADMIN	LEAD TIME	MANU-FACTURING	TIME
PRIOR	AFTER	1 OCT	1 OCT
1	8	24	32

INITIAL REORDER (Previous Source)	
P-1 SHOPPING LIST	PAGE NO.
28	7

REMARKS:	
* RESERVE LINE IS NON-ADDITIVE	

EXHIBIT P-21	
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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		AUTOMATIC TEST EQUIPMENT								
		RCN: 044197								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
			12	41	72	74	0	0		
COST (IN MILLIONS)	\$	2.1	12.0	12.2	21.8	22.9	0.0	0.0		
<p>Automatic Test Equipment is used to Troubleshoot Line Replaceable Units (LRU) and Circuit Assemblies (CCA Weapon Systems. It consists of both hardware and software, portable and semi-portable equipment. This is a Roll-UP LINE:</p> <p>AN/USM-657</p> <p>THIRD ECHELON TEST SET AO = 237</p> <p>SYSTEM ACQUISITION</p> <p>FY 1996 12 = 5% OF AO</p> <p>FY 1997 53 = 22% OF AO</p> <p>FY 1998 124 = 52% OF AO</p> <p>FY 1999 198 = 84% OF AO</p> <p>FY 1996 UNIT COST: \$298,178</p> <p>THIS ITEM IS CODE "B"</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 04		B. WEAPON MODEL/SERIES/POPULAR NAME AUTOMATIC TEST EQUIPMENT (RCN 044197)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION GENRAD, CONCORD, MA		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
AN/USM-631 TESTHEADS	A		2,119		12		41		
INTERIM SUPPORT									
SPECIAL TEST EQUIPMENT									
PRODUCTION SUPPORT									
AN/USM-657 THIRD									
ECHOLON TEST SET									
SYSTEM ACQUISITION	B								
SPECIAL TEST EQUIPMENT									
OTHER SUPPORT									
FACTORY TRAINING									
TRAVEL									
ILS									
(ACTIVE COMPONENT)									
(RESERVE COMPONENT)									
TOTAL			2,119		11,960		12,174		
BLI NR. 440200	P-1 SHOPPING LIST								
	ITEM NO. 29 PAGE NO. 2								

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
AUTOMATIC TEST EQUIPMENT										
RCN: 044197										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPECS REV RQRD	IF YES WHEN AVAIL
AN/USM-657 THIRD ECHELON TEST SET FY 1996 FY 1997	UNKNOWN UNKNOWN	C/FFP C/OPTION	MCSC MCSC	JUN 96 NOV 96	OCT 96 JAN 97	12 41	553,583 294,293	YES YES	NO NO	
REMARKS:										

APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		DATE		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		AUTOMATIC TEST EQUIPMENT (AN/USM-657)		RCN: 044197		
1. CURRENT DEVELOPMENT AND TEST STATUS						
	04					
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	JAN 1993	JAN 1993			
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual	N/A	OCT 1995			
c. Operational Test & Evaluation (OT&E)	Plan/Actual	N/A	N/A			
d. Available Date of Technical Data Package (TDP)	Plan/Actual	OCT 1995	MAR 1995			
or Performance Specifications						
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: MARCH 1996						
3. EQUIPMENT ITEM(S) TO BE REPLACED: N/A						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:						
"CODE B" ITEM DESCRIPTION						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
ATSU	ALBANY GA	TETS	\$ 1.289	\$ 0.882	\$.100	0.735
ATSU	ALBANY GA	TETS RF	\$	\$.300	\$ 0.141	.100
ATSU	ALBANY GA	TEST EO	\$	\$	\$.300	.200
			\$	\$	\$	
			\$	\$	\$	
TOTAL RDT&E FUNDING			\$ 1.289*	\$ 1.182*	\$ 0.541	1.035
REMARKS: *FY 1992-1994 FUNDS PROVIDED BY ADVANCE WARFARE TECHNOLOGY (AWT) CENTER. THIS IS A LRIP PROCUREMENT FY 96.						
BLI NR. 440200		P-1 SHOPPING LIST			EXHIBIT P-19	
		ITEM NO. 29			PAGE NO. 4	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: AUTOMATIC TEST EQUIPMENT THIRD ECHELON TEST SET

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 0

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 42
II MARINE EXPEDITIONARY FORCE: 42
III MARINE EXPEDITIONARY FORCE: 42
SELECTED MARINE CORPS RESERVE: 27
SUPPORT ESTABLISHMENT: 66
NORWAY AIR LANDED BRIGADE: 18
TOTAL: 237

APPROVED ACQUISITION OBJECTIVE

237

29-5

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:		ITEM NAME: AUTOMATIC TEST EQUIPMENT (ATE) THIRD ECHELON TEST SET	
ACQUISITION OBJECTIVE:		RCN: 044197	
TBD	237		
ENDING INVENTORY			
30 SEP 1993			
GAINS:			
*FY BUDGET			
*OTHER			
TOTAL			
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL			
NET CHANGE (+/-)			
ASSET POSITION:			
*STD SERVICEABLE			
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL			
\$M VALUE			
% A/O ON HAND/FUNDED			
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY:	
THIS ENCOMPASSES THE THIRD ECHELON TEST SET		VALUE: \$ 12.0 M	
		FY 1997 RECOMMENDED BUY - QUANTITY:	
		VALUE: \$ 12.2 M	
BLI NR. 440200		EXHIBIT P-20A	
P-1 SHOPPING LIST		PAGE NO. 6	
ITEM NO. 29			

BUDGET ACTIVITY: PROCUREMENT MARINE CORPS/BUDGET ACTIVITY: 04 P-1 ITEM NOMENCLATURE: AUTOMATIC TEST EQUIPMENT										DATE: 04/19/97	
SHEET 1 OF 1										FISCAL YEAR: 96	
PROGRAM QUANTITY										FISCAL YEAR: 95	
ACC BAL										FISCAL YEAR: 94	
P-1 TO AS OF										FISCAL YEAR: 93	
P-1 TO AS OF										FISCAL YEAR: 92	
P-1 TO AS OF										FISCAL YEAR: 91	
P-1 TO AS OF										FISCAL YEAR: 90	
P-1 TO AS OF										FISCAL YEAR: 89	
P-1 TO AS OF										FISCAL YEAR: 88	
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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE)								
		RCN: 045887								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0		
COST (IN MILLIONS)	\$	3.7	6.1	8.6	7.8	8.6	8.7	8.5		

Funds allocated under this line are used to procure General Purpose Electronic Test, Measurement, and Diagnostic Equipment to support major items of electronic equipment. Funds sustain modernization and standardization efforts in addition to meeting new requirements.

All of the items are Code A.

This is a roll-up line that consists of many different items and separate acquisitions.

All of these items are required to support other Marine Corps systems already fielded or in the acquisition pipeline.

BLI NR. 442900

P-1 SHOPPING LIST
ITEM NO. 30
PAGE NO. 1

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 04		B. WEAPON MODEL/SERIES/POPULAR NAME GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE) (RCN 045887)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
USM-646 TEST STATION	A	8000	50	8400	25	8400	210		
USM-646 SEMI-CONDUCTOR	A	7320	50	7320	25	7320	183		
MAINT KIT MK-2663	A	5000	75	5000	75	5000	375		
TEST SET, TELECOM	A	4950	40						
OPTICAL TDR	A	6725	40	6725	40	6725	269		
GROUND TESTER (CLAMP-ON)	A	5000	50	5000	50	5000	250	50	250
GROUND TESTER	A	4000	100	4000	50	4000	200	100	400
ARB FUNCTION GENERATOR	A	2000	250						
POWER METER (PULSE)	A	10000	30	10000	30	10000	300	30	300
POWER METER (CW)	A	2500	60	2500	60	2500	150		
POWER METER (OPTICAL)	A							25	250
PROTOCOL ANALYZER (LAN)	A			20000	20	20000	400	30	600
PROTOCOL ANALYZER (TEL)	A			25000	20	25000	500	20	500
BLI NR. 442900		P-1 SHOPPING LIST ITEM NO. 30		PAGE NO. 2		EXHIBIT P-5			

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 04		B. WEAPON MODEL/SERIES/POPULAR NAME GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE) (RCN 045887)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997			
		UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST		
HANDHELD BIT ERROR RATE TESTOR (BERT)	A			3000	75 225	3000	150 450		
SIGNAL GENERATOR	A					14000	200 2800		
TEST ADAPTER; RADIO	A			6000	400 2400	6000	400 2400		
SOFTWARE SUPPORT	N/A			117	196		180		
LOGISTICS SUPPORT Training Material Factory Training Tech Manuals Provisioning Data Acceptance Testing	N/A			382	398		429		
INITIAL SPARES						(96)			
(TOTAL ACTIVE)				(2914)		(5414)	(6249)		
(TOTAL RESERVES)				(793)		(642)	(2310)		
TOTAL COST				3707	6056		8559		
BLI NR. 442900		P-1 SHOPPING LIST		ITEM NO. 30		PAGE NO. 3		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING				P-1 ITEM NOMENCLATURE:				DATE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY				GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE)				RCN: 045887			
04											
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPEC AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL	
USM-646 TEST STATION											
FY95	VARIOUS	C/FPO	NAVY (NUWC)	APR95	JUL95	50	8000	YES	NO	N/A	
FY96	VARIOUS	C/FPO	NAVY (NUWC)	JAN96	APR96	25	8400	YES	NO	N/A	
USM-646 SEMI-CONDUCTOR											
FY95	HUNTRON	C/FPO	NAVY (SPCC)	APR95	JUL95	50	7320	YES	NO	N/A	
FY96	HUNTRON SEATTLE, WA	C/FPO	NAVY (SPCC)	JAN96	APR96	25	7320	YES	NO	N/A	
MAINT KIT MK-2663											
FY95	PACE INC	C/FPO	NAVY (NSWC)	FEB95	MAY95	75	5000	YES	NO	N/A	
FY96	PACE INC LAUREL, MD	C/FPO	NAVY (NSWC)	FEB96	MAY96	75	5000	YES	NO	N/A	
TEST SET, TELECON											
FY95	C&R CORP SAN JOSE, CA	C/FPO	NAVY (SPCC)	FEB95	MAY95	40	4950	YES	NO	N/A	
OPTICAL TDR											
FY95	ANRITSU	C/FPO	NAVY (SPCC)	MAR95	AUG95	40	6725	YES	NO	N/A	
FY96	ANRITSU MORGAN HILL, CA	C/FPO	NAVY (SPCC)	MAR96	AUG96	40	6725	YES	NO	N/A	
GROUND TESTER (CLAMP-ON)											
FY95	AEMC	C/FPO	NAVY (SPCC)	APR95	AUG95	50	5000	YES	NO	N/A	
FY96	AEMC	C/FPO	NAVY (SPCC)	JAN96	MAY96	50	5000	YES	NO	N/A	
FY97	AEMC BOSTON, MA	C/FPO	NAVY (SPCC)	JAN97	MAY97	50	5000	YES	NO	N/A	
REMARKS:											

EXHIBIT P-5A

P-1 SHOPPING LIST
ITEM NO. 30
PAGE NO. 4

BLI NR. 442900

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE)										
RCN: 045887										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPECS REV RQD	IF YES WHEN AVAIL
GROUND TESTER										
FY95	PPM INC	C/FPO	NAVY (SPCC)	APR95	AUG95	100	4000	YES	NO	N/A
FY96	PPM INC	C/FPO	NAVY (SPCC)	JAN96	MAY96	50	4000	YES	NO	N/A
FY97	PPM INC CLEVELAND, OH	C/FPO	NAVY (SPCC)	JAN97	MAY97	100	4000	YES	NO	N/A
ABR FUNCTION GENERATOR FY95	WILTRON, MORGAN HILL, CA	C/FPO	USMC	AUG95	JAN96	250	2000	YES	NO	N/A
POWER METER (PULSE)										
FY95	GIGA-TRONICS	C/FP	NAVY (SPCC)	APR95	OCT95	30	10000	YES	NO	N/A
FY96	GIGA-TRONICS	C/FPO	NAVY (SPCC)	JAN96	MAY96	30	10000	YES	NO	N/A
FY97	SAN RAMON, CA	C/FPO	NAVY (SPCC)	JAN97	MAY97	30	10000	YES	NO	N/A
POWER METER (CW)										
FY95	HEWLETT-PACKARD	C/FP	NAVY (SPCC)	APR95	OCT95	60	2500	YES	NO	N/A
FY96	HEWLETT-PACKARD	C/FPO	NAVY (SPCC)	JAN96	MAY96	60	2500	YES	NO	N/A
POWER METER (OPTICAL)										
FY97	TBD	C/FP	NAVY (SPCC)	MAR97	JUL97	25	10000	NO	YES	MAY95
PROTOCOL ANALYZER (LAN)										
FY96	TBD	C/FPO	NAVY (SPCC)	MAR96	JUL96	20	20000	YES	NO	N/A
FY97	TBD	C/FPO	NAVY (SPCC)	JAN97	MAY97	30	20000	YES	NO	N/A
PROTOCOL ANALYZER (TEL)										
FY96	TBD	C/FP	NAVY (SPCC)	MAR96	SEP96	20	25000	YES	YES	MAY95
FY97	TBD	C/FPO	NAVY (SPCC)	JAN97	MAY97	20	25000	YES	YES	MAY95
HANDHELD BERT										
FY96	TBD	C/FP	USMC	MAR96	JUL96	75	3000	YES	YES	MAY95
FY97	TBD	C/FPO	USMC	JAN97	MAY97	150	3000	YES	YES	MAY95
REMARKS:										

EXHIBIT P-5A

P-1 SHOPPING LIST
ITEM NO. 30
PAGE NO. 5

BLI NR. 442900

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:							
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY			GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE)							
04			RCN: 045887							
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
SIGNAL GENERATOR FY97	WILTRON MORGAN HILL, CA	C/FPO	USMC	JAN97	APR97	200	14000	YES	NO	N/A
TEST ADAPTER; RADIO FY96	IFR SYSTEMS	SS	ARMY	FEB96	JUL96	400	6000	YES	NO	N/A
FY97	WICHITA, KS	SS	ARMY	FEB97	JUL97	400	6000	YES	NO	N/A
REMARKS:										

BLI NR. 442900

P-1 SHOPPING LIST
 ITEM NO. 30
 PAGE NO. 6

EXHIBIT P-5A

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		SINGGARS								
		RCN: 043638								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	65.8	47.0	0.0	0.0	0.0	0.0	0.0	0.0	
<p>The SINGGARS radio will replace all AN/PRC-77 manpack, Bancroft, and AN/VRC-12 family of vehicular radios currently in the Marine Corps inventory.</p> <p>The SINGGARS radio will be used as the primary means of communication for command and control as well as fire support on the battlefield. SINGGARS will be highly reliable with over 1250 hours mean time between failure and built-in test equipment will ease the workload. Frequency hopping capability offers low probability of intercept, while integrated COMSEC deletes the requirement for external communications security equipment.</p> <p>The SINGGARS radio is Code A. Acquisition Objective (AO) = 25390</p> <p>Prior Years 13460 = 53% of AO FY95 17716 = 70% of AO FY96 21519 = 85% of AO FY97-01 25390 = 100% of AO</p> <p>FY 97-99 PROCUREMENT IN BLI 463300.</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME SINGGARS RCN: 043638		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION ITT Fort Wayne, Indiana		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	TOTAL COST
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		
SINGGARS		9,441	4256	7,663	3803				
Ancillary Equipment			40180		29142				
Installation Kits			6816		8715				
Program Support			3908		2134				
Reliability Award Fee			8654		4350				
Warranty			5778		2202				
Consulting Services			100		96				
			390		375				
Initial Spares			(1146)		(1278)				
TOTAL COST			65826		47014				0
BLI NR. 451000		P-1 SHOPPING LIST		EXHIBIT P-5					
		ITEM NO. 31		PAGE NO. 2					

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					SINGGARS					RCN: 043638
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
SINGGARS FY 95 FY 96	ITT, FORT WAYNE, IN ITT, FORT WAYNE, IN	FFP FFP	CECOM CECOM	MAR 95 MAR 96	JUN 96 JUN 97	4256 3803	9,441 7,663	YES YES	NO NO	N/A N/A
REMARKS: UNIT COSTS DO NOT INCLUDE NAVY COMSEC FUNDING. MODIFICATION TO FY-94 CONTRACT REFLECTS UNIT COST SAVINGS. FUNDS WERE APPLIED TO THE FY95 CONTRACT TO PROCURE AN ADDITIONAL 1000 PRC-119 RADIOS. THIS WILL RESULT IN A COMMENSURATE REDUCTION IN THE NUMBER OF RADIOS BOUGHT IN FY 97. COMBINED BUYS WILL NOT EXCEED THE 25,390 ACQUISITION OBJECTIVE. UNIT COST IS AN AVERAGE OF THE UNIT COST FOR VARIOUS CONFIGURATIONS OF THE SINGGARS RADIO.										

BLI NR. 451000

P-1 SHOPPING LIST

EXHIBIT P-5A

ITEM NO. 31

PAGE NO.

3

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: SINCGARS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT:	3795
DEPOT MAINTENANCE FLOAT:	1842
TOTAL:	5637

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE:	4276
II MARINE EXPEDITIONARY FORCE:	3962
III MARINE EXPEDITIONARY FORCE:	2089
SELECTED MARINE CORPS RESERVE:	3556
SUPPORT ESTABLISHMENT:	5870
NORWAY AIR LANDED BRIGADE:	0
TOTAL:	19753
APPROVED ACQUISITION OBJECTIVE:	25390

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:		ITEM NAME:	SINCGARS
ACQUISITION OBJECTIVE:		RCN:	
F4019	25,390		043638
<p>ENDING INVENTORY</p> <p>30 SEP 1993</p>			
GAINS:		FY 1994	FY 1995
*FY BUDGET		3636	4256
*OTHER		0	
TOTAL		3636	4256
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER		0	0
TOTAL			
NET CHANGE (+/-)		3636	4256
ASSET POSITION:			
*STD SERVICEABLE	9824	13460	17716
*STD UNSERVICEABLE	0		
*SUB SERVICEABLE	0		
*SUB UNSERVICEABLE	0		
TOTAL	9824	13460	17716
\$M VALUE	86.0	\$ 122.8	\$ 188.6
% A/O ON HAND/FUNDED	39 %	53 %	70 %
FY 1996 RECOMMENDED BUY - QUANTITY:			
VALUE:		3803	3803
FY 1997 RECOMMENDED BUY - QUANTITY:			
VALUE:		47.0 M	47.0 M
FY 1996 RECOMMENDED BUY - QUANTITY:			
VALUE:		85 %	85 %
FY 1997 RECOMMENDED BUY - QUANTITY:			
VALUE:		0	0
FY 1996 RECOMMENDED BUY - QUANTITY:			
VALUE:		21519	21519
FY 1997 RECOMMENDED BUY - QUANTITY:			
VALUE:		235.6	235.6
FY 1996 RECOMMENDED BUY - QUANTITY:			
VALUE:		0	0
FY 1997 RECOMMENDED BUY - QUANTITY:			
VALUE:		0	0
COMMENTS:			
FY 97 AND BEYOND MOVES TO BLI 463300, RADIO SYSTEMS.			
BLI NR.	451000	P-1 SHOPPING LIST	
ITEM NO.		PAGE NO.	
31		5	
EXHIBIT P-20A			

BUDGET ACTIVITY: PROCUREMENT MARINE CORPS/BUDGET ACTIVITY:										P-1 ITEM NONRECLAMATION: SINGOARS										DATE: RCN: 043638									
PROGRAM QUANTITY										CY: FISCAL YEAR: 95										FISCAL YEAR: 96									
ACC BAL DUE TO AS OF										FISCAL YEAR: 97										FISCAL YEAR: 98									
P-1 SHOPPING LIST										P-1 SHOPPING LIST										P-1 SHOPPING LIST									
ITEM AND MANUFACTURER										ITEM AND MANUFACTURER										ITEM AND MANUFACTURER									
SINGOARS										SINGOARS										SINGOARS									
MC										MC										MC									
A										A										A									
N										N										N									
TOTALS										TOTALS										TOTALS									

MANUFACTURER'S NAME & LOCATION		REACHED	
LTV, FORT WAYNE, INDIANA		D-	
BLI NR. 451000		P-1 SHOPPING LIST	
ITEM NO. -		PAGE NO. -	
31		31	

EXHIBIT P-21

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P-1 SHOPPING LIST

ITEM NO.

31

PAGE NO.

8

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		MODIFICATION KITS (TEL)						RCN: 047239
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		4								
QUANTITY	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001			
COST (IN MILLIONS)	\$ 1.1	\$ 1.1	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	
<p>Modifications under this line are for COMSEC Cables.</p> <p>The COMSEC cable line is in support of various communications security systems being fielded including the KY-99 MINTERM, the Electronic Key Management System, the Data Transfer Device, and the STU III. COMSEC cables will interface with various communications devices, to include radios, switches, computers and satellites to provide secure transmissions at all times.</p> <p>Models of systems affected: COMSEC Cables - EKMS, DTD, KY-99, STU III</p> <p>MODIFICATION TITLE (\$ IN MILLIONS) FY 1996</p> <p>COMSEC CABLES \$1.087 \$1.073</p> <p>FY 97-01 procurement in BLI 463700</p>										

BLI NR. 455500

P-1 SHOPPING LIST
ITEM NO. 32 PAGE NO. 1

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MODIFICATION KITS (TEL) RCN: 047239		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
CONSEC CABLES	A		VAR 945		VAR 927				
CONTRACTOR SUPPORT			93		95				
TRAVEL			19		21				
NEW EQUIPMENT TRAINING			30		30				
TOTAL COST			1087		1073				
BLI NR. 455500		P-1 SHOPPING LIST ITEM NO. 32		PAGE NO. 2		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					MODIFICATION KITS (TEL)					
4					RCN: 047239					
LINE ITEM/ FISCAL YEAR/ COMSEC CABLES/	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
FY95	USACCSLA Ft Huachuca, AZ	MIPR	CECOM	JAN95	JUL95	5150	143	YES	NO	N/A
FY95	TRACOR Chesapeake, VA	MIPR	NAWCAD	SEP95	NOV95	VARIOUS	VARIOUS	YES	NO	N/A
FY95	TRACOR Chesapeake, VA	MIPR	NISE EAST	SEP95	DEC95	400	599	YES	NO	N/A
FY95	MOTORLA Scottsdale, AZ	MIPR	NSA	MAR95	AUG95	VARIOUS	VARIOUS	YES	NO	N/A
FY96	TRACOR Chesapeake, VA	MIPR	NISE EAST	MAR96	OCT96	VARIOUS	VARIOUS	YES	NO	N/A

REMARKS: Five different cables and various quantities for each are being purchased on one contract.

BLI NR. 455500	P-1 SHOPPING LIST	EXHIBIT P-5A
ITEM NO. 32	PAGE NO. 3	

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: COMSEC Cables

MODELS OF SYSTEMS AFFECTED:

EKMS, DTD, STU III, KY-99, KY-68

DESCRIPTION/JUSTIFICATION:

Cables produced will interface the above listed systems with various transmission systems, to include MRC-138, GRC-193, AAVC7, AND LAV-AD.

DEVELOPMENTAL STATUS/
MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN: (\$ in Millions)

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
Kit Quantity								0
Installation Kits								1.872
Install. Kits Nonrecurring	.945	.927						0
Equipment	0	0						0
Equipment Nonrecurring	.049	.051						.100
Engineering Change Orders	0	0						0
Data	.093	.095						.188
Training Support	0	0						0
Support Equipment	0	0						0
Other	0	0						0
Interim Contractor Support	0	0						0

RD&E

PROCUREMENT

32-4

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits)
 (FY 1996) Eqpt (Kits)
 (FY 1997) Eqpt (Kits)
 (FY 1998) Eqpt (Kits)
 (FY 1999) Eqpt (Kits)
 (FY 2000) Eqpt (Kits)
 (TO COMP) Eqpt (Kits)

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION: Field Installed

ADMIN LEAD-TIME: 5 MONTHS

PRODUCTION LEAD-TIME: 7 MONTHS

CONTRACT DATES:

FY 1996 MAR 96 FY 1997

DELIVERY DATES:

FY 1996 OCT 96 FY 1997

INSTALLING SCHEDULE:

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

32-5

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		ITEMS LESS THAN \$2 MILLION (TEL)								
		RCN: 949509								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0		
COST (IN MILLIONS)	\$	2.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	
<p>This is a roll-up line which contains many different and unrelated items of equipment for which the annual procurement is less than \$2 Million each. The only thing these different items have in common is that they all are related to the Telecommunications (TEL) mission area. The funds included in this budget line allow procurement of the following items:</p> <ul style="list-style-type: none"> * Marine Corps Automatic Test Equipment System (MCATES) funding provides for integration and fielding of the AN/USM-631 Test Station. * Power Supply equipment which provides direct current (DC) voltage from an alternating Voltage (AC) power source. This enables communication equipment to operate without using batteries. It also provides DC voltage to aid in the maintenance of electronic equipment. * Tools, Sets, Kits, & Chests (TSK&C) are general purpose tools and support items used to support the installation, operation, and maintenance of communications equipment. * Joint Communications Support Element (JCSE) equipment modernization. This effort funds the Marine Corps share of efforts to keep the JCSE equipped with the latest state-of-the-art equipment to accomplish its Joint Staff Mission. <p>All of these items are Code A</p> <p>FY 97-01 procurement in BLI 463700 and 463900</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 04		B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (TEL) (RCN 949509)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
Auto Test Equip (MCATES) (RCN 044197)	A		50						
Power Supply 0-30 Volt	A	Various	1582	Various	711				
24-28 Volt	A								
20-80 Volt	A		343						
Logistics Supply Testing, Tech Data, Manuals, Training (RCN 040288)									
Tools Sets, Kits, Chests (TSK&C) (RCN 040958)	A			Various	456				
JCSE Modernization	A	Various	188	Various	247				
TOTAL COST			2163		1414				
BLI NR. 456700		P-1 SHOPPING LIST ITEM NO. 33		PAGE NO. 2		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					ITEMS LESS THAN \$2 MILLION (TEL)					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
AUTOMATIC TEST EQUIPMENT FY95	MCLB ALBANY, GA	VARIOUS	MCLB ALB	VARIOUS	VARIOUS	N/A	50*	N/A	N/A	N/A
POWER SUPPLIES FY95	UNKNOWN	C/FPO	USMC	APR95	VARIOUS	VARIOUS	1925*	YES	N/A	N/A
FY96	UNKNOWN	C/FPO	USMC	JUN96	VARIOUS	VARIOUS	711*	YES	N/A	N/A
TOOL SETS, KITS & CHESTS FY96	VARIOUS	C/FP	USMC	VARIOUS	VARIOUS	VARIOUS	456*	YES	N/A	N/A
JCSE MODERNIZATION FY95	VARIOUS	VARIOUS	USMC	VARIOUS	VARIOUS	VARIOUS	188*	YES	N/A	N/A
FY96	VARIOUS	VARIOUS	USMC	VARIOUS	VARIOUS	VARIOUS	247*	YES	N/A	N/A
REMARKS: * Reflects total cost in thousands of dollars (Many different items are being bought).										

BLI NR. 456700

P-1 SHOPPING LIST
ITEM NO. 33

PAGE NO. 3

EXHIBIT P-5A

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		POSITION LOCATION REPORTING SYSTEM (PLRS)								
		RCN: 140014								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0		
COST (IN MILLIONS)		\$ 0.001	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0		
<p>FY95: \$1K TO KEEP LINE OPEN</p> <p>FY 99 procurement in BLI 464000</p>										

BLI NR. 458800

P-1 SHOPPING LIST

ITEM NO. 34 PAGE NO. 1

EXHIBIT P-40

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P-1 SHOPPING LIST

ITEM NO. 34 - PAGE NO. 2

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		AN/TYQ-23 (V)1 TACTICAL AIR OPERATIONS MODULE (TAOM) RCN: 140034								
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	3.7 \$	2.4 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0	
<p>1. The AN/TYQ-23 (V)1, Tactical Air Operations Module, is an electronic tactical data system which, when supported with sensors, power sources, support equipment, and personnel, provides the US Marine Corps with the capabilities of integrated air defense, supplemental enroute traffic control management, and data link to external agencies for real time exchange of tactical air data. Four Tactical Air Operations Modules constitute one system.</p> <p>2. This is a collection of efforts and an evolutionary acquisition strategy, encompassing ECPs and incorporation of COTS equipment into the existing TAOC platform. This initiative will upgrade the system to include Joint Tactical Data Links (TADIL-J), Sector Anti-Air Warfare Facility (SAAWF), operator console units, and the TPS-59 radar interface, representing four major elements.</p> <p>3. These upgrades will open up the system architecture, provide an automated air tasking order capability, tactical missile defense, and a battle management facility. The open architecture facilitates TADIL-J upgrade.</p>										
FY-97-FY01 PROCUREMENT IN BLI 464000.										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/TYQ-23 (V) 1 TACTICAL AIR OPERATIONS MODULE (TAOM) (RCN 140034)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION LITTON DATA SYSTEMS AGOURA HILLS, CA		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
AN/TYQ-23 (V) 1 TACTICAL AIR OPERATIONS MODULE					2100		2100		
PRODUCT IMPROVEMENT PROGRAM									
OCU UPGRADE									
SECTOR ANTI-AIR WARFARE									
FACILITY (SAANF)									
JTIDS INTEGRATION									
RADAR INTERFACE (TMD)									
GFE REPAIR									
Contractor Support									
Services (PRODUCTION)									
Post Deployment Software Support (MCTSSA)									
TAD									
IKP Training (Factory)									
Contractor Support									
Services (PIP)									
INITIAL SPARES									
TOTAL COST			3653				2370		0
BLI NR. 459400									

EXHIBIT P-5

P-1 SHOPPING LIST

ITEM NO. 35

PAGE NO. 2

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
4										RCN: 140034
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
OCU Upgrade FY 1996	Litton Data Systems Agoura Hills, CA	SSFFP	SYS COM	FEB 96	May 97	1	2100000	YES	NO	NA
REMARKS:										

BUDGET ITEM JUSTIFICATION SHEET							DATE	
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:					RCN: 140054	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		ADVANCED TACTICAL AIR COMMAND CENTRAL						
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
		0	0	0	0	0	0	0
COST (IN MILLIONS)		\$ 0.0	\$ 9.1	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

The Advanced Tactical Air Command Central (ATACC) is a transportable command, control, and communications system designed to provide the Aviation Combat Element (ACE) Commander with the capability to plan, coordinate, and direct Marine Air Ground Task Force (MAGTF) tactical air operations. ATACC provides computer assistance to Marine Corps planners and operators to facilitate coordination of air battle planning and execution. ATACC provides automated data exchange and processing of tactical information; automated generation of Air Tasking Orders (ATOs) by integrating Contingency Theater Automated Planning System (CTAPS) and computer assistance in maintaining status information. Planners and operators have access to information from a shared database which is automatically updated by messages received from TADIL-A, TADIL-B, NATO Link-1, TADIL-J, and JICS/MTF.

ATACC will maximize use of non-developmental hardware and software items. ATACC hardware is 95 percent NDI or modified NDI. Software is 65 percent NDI. Developed software will be written in Ada as directed by DOD. The MS III decision in March 1994, redefined the program to a three phase evolutionary acquisition. Phase I provides the initial capability and uses the existing prototype four shelter per MEF system reconfigured and upgraded to a one shelter per MEF system, plus software fixes required by the operational test, purchase of CTAPS, and a replacement for the current bubble shelter. Two additional non-deployable systems are required for training and software integration. Subsequent year funding provides for a common voice communications distribution system - the Mobile Enhanced Communications Distribution System (MECDS), upgrades the common hardware, upgrades software to Global Command and Control System (GCCS) mid-term concept of employment (COE), adds TADIL-J integration and Joint Tactical Interface Distribution System (JTIDS) connectivity, and provides improvements in supportability. The program received Milestone Decision Authority MS II approval for Phase II on 14 April 1995. The ATACC will replace the 1960s technology of the AN/TYQ-1 and AN/TYQ-3A.

ACQUISITION OBJECTIVE (A/O): 6

FY 94 and prior: 6 = 100% of Phase I A/O plus initiation of the Phase I improvements
 FY 96: Continuation of Phase I improvements

APPROVAL FOR SERVICE USE: FY 94 = CODE A

FY 97-00 PROCUREMENT IN BLI 463100.

BLI NR. 459700	P-1 SHOPPING LIST	EXHIBIT P-40
	ITEM NO. 36	PAGE NO. 1

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC) RCN: 140054		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Various		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
AN/TYQ-51 REFURBISHMENT	A			1,754,500	4		4		
SHELTER SYSTEM							7018		
CTAPS				525,000	4		2100		
Active Component							(5838)		
Reserve Component							(2280)		
TOTAL COST							9118		0
BLI NR. 459700		P-1 SHOPPING LIST		ITEM NO. 36		PAGE NO. 2		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					ADVANCED TACTICAL AIR COMMAND CENTRAL					
					RCN: 140054					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
AN/TYQ-51 REFURBISHMENT										
SHELTER SYSTEM FY 96	USAF/USA	FFP	SYSCOM	DEC 1995	DEC 1996	4	1,754,500	YES	NO	N/A
CTAPS FY 96	SUN SAN DIEGO, CA	FFP	USAF	MAR 1996	JUN 1996	4	525,000	YES	NO	N/A
REMARKS:										

BLI NR. 459700

P-1 SHOPPING LIST
 ITEM NO. 36
 PAGE NO. 3

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: ADVANCE TACTICAL AIR COMMAND CENTRAL (ATACC)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 0

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 1
II MARINE EXPEDITIONARY FORCE: 1
III MARINE EXPEDITIONARY FORCE: 1
SELECTED MARINE CORPS RESERVE: 1
SUPPORT ESTABLISHMENT: 2
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 6

APPROVED ACQUISITION OBJECTIVE

6

36-4

ASSET DYNAMICS		DATE:	
ITEM NAME: ADVANCED TACTICAL AIR COMMAND CENTRAL (ATAACC)		RCN: 140054	
TAMCN/DODIC:	AC0013		
ACQUISITION OBJECTIVE:	6		
<p>ENDING INVENTORY</p> <p>30 SEP 1993</p>			
GAINS:		FY 1994	FY 1995
*FY BUDGET	2		
*OTHER	2		
TOTAL		0	0
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL		0	0
NET CHANGE (+/-)		2	0
ASSET POSITION:			
*STD SERVICEABLE	4		6
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL	4	6	6
\$M VALUE	26.0	\$ 32.3	\$ 32.3
% A/O ON HAND/FUNDED	67 %	100 %	100 %
<p>COMMENTS: The prototype systems used in OT are being refurbished to provide a total inventory of four deployable systems and two supporting establishment systems for training and software integration.</p> <p>FY 97-01 PROCUREMENT IN BLI 463100.</p>			
BLI NR.	459700	FY 1996 RECOMMENDED BUY - QUANTITY:	
		VALUE: \$	
		FY 1997 RECOMMENDED BUY - QUANTITY:	
		VALUE: \$	

EXHIBIT P-20A

PAGE NO. 36

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS)								
		ROLL-UP								
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	RCN: 140024	
QUANTITY										
COST (IN MILLIONS)	\$	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

This is a rolled line for the Marine Tactical Command and Control System (MTACCS) consisting of:

- Direct Air Support Central (DASC) Product Improvement Program (PIP)
- Tactical Combat Operations (TCO)

-The MTACCS line ends in FY 95, the TCO line begins in FY 96 and the Command Post Systems line starts in FY 97.

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) RCN: 140025 ROLL-UP		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DASC	A		10						
TCO	A		98	2,788					
				5,245					
INITIAL SPARES				(2062)				(5449)	(3959)
BLI NR. 461000		P-1 SHOPPING LIST		8,033		0		0	
		ITEM NO. 37		PAGE NO. 2				EXHIBIT P-5	

BUDGET ITEM JUSTIFICATION SHEET										DATE	
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:									
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS)								RCN: 146294	
		DIRECT AIR SUPPORT CENTRAL (DASC)									
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001			
		10	0	0	0	0	0	0			
COST (IN MILLIONS)	\$	2.8	0.0	0.0	0.0	0.0	0.0	0.0	\$	0.0	

The DASC PIP is primarily a non-developmental effort which repackages the capabilities of two systems that comprise the existing DASC equipment (the AN/TSQ-155(V) Improved Direct Air Support Central (IDASC) and the OE-334 Antenna Coupler Group) into a lightweight, highly mobile, modular system. This effort will incorporate existing hardware, COTS/modified-COTS and selected automation hardware and software into a single, five shelter, HMMWV mounted system (3 Ops and 2 Comm), which will allow for DASC task organization as required to support any level of MAGTF/operation. The IDASC PIP is a GCCS migration system, that will utilize both the Marine Corps common hardware automation hardware, as well as the MAGTF C4I software baseline. Improved capabilities include automated interfaces to the Digital Communications Terminal (DCT), Advanced Tactical Air Command Central (ATACC), Position Location Reporting System (PLRS), Advanced Field Artillery Tactical Data System (AFATDS), and Tactical Combat operations (TCO). NSWC Crane, the Principal Development Agent, is responsible for both the downsizing and the automation efforts.

MOD	INSTALLING AGENT	INSTALLATION	END ITEM
IDASC PIP	NSWC CRANE, IN	BEGIN: OCT 93	AN/TSQ-155 (V) / OE-334 ANTENNA COUPLER GROUP/DASC AUTOMATION
		END: JUN 97	
	NISE WEST SAN	BEGIN: OCT 95	
	DIEGO, CA	END: JUN 97	

ACQUISITION OBJECTIVE (A/O): TSQ-155s: 32 OE-334s: 20

FY 1994 AND PRIOR:	TSQ-155s	6 = 19%	OE-334s	10 = 50%
FY 1995		10 = 31%		16 = 80%

APPROVAL FOR SERVICE USE: FY95= CODE A

BLI NR.	461000	P-1 SHOPPING LIST		EXHIBIT P-40
		ITEM NO.	PAGE NO.	
		37	3	

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		
4	P-1 ITEM NOMENCLATURE: MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) (DASC) RCN: 146294	
MODELS OF SYSTEMS AFFECTED: AN/TSQ-155V IDASC & OE-334 ANTENNA COUPLER GROUP		
MODIFICATION TITLE	FY 1995	FY 1996
DASC PRODUCT IMPROVEMENT PROGRAM	2.788	0
TOTAL	2.788	0

BLI NR. 461000

P-1 SHOPPING LIST
 ITEM NO. 37 - PAGE NO. 4

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) RCN 146294 (DASC)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION NSWC, CRANE, IN		D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	TOTAL COST
DASC (OPS SHELTER)	A							
DOWNSIZING PIP		210,718	4		843			
LMS SHELTERS					257			
SHELTER MOUNTING MODS					31			
OE-334 (COMM SHELTER)								
DOWNSIZING PIP		185,728	6		1114			
SUB-TOTAL								
SUPPORT COSTS:								
ILS (PROVISIONING, FMEA, TM'S)					69			
H/W & ENGINEERING SUPPORT					236			
DRAWINGS					76			
TESTS					29			
TECH DATA					51			
FACTORY TRAINING					82			
S/W ENGINEERING SUPPORT					0			
SUB-TOTAL								
TOTAL COST			2788					
BLI NR. 461000		P-1 SHOPPING LIST		ITEM NO. 37		PAGE NO. 5		EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS)					
					(DASC)					RCN: 146294
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPEC AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
DASC (OPS SHELTER)										
FY 95	NSWC, CRANE, IN	C/FFPO	NSWC, CRANE	MAR 95	JAN 95	4	210718	YES	NO	N/A
OE-334 (COMM SHELTER)										
FY 95	NSWC, CRANE, IN	C/FFPO	NSWC, CRANE	APR 95	FEB 95	6	185728	YES	NO	N/A
REMARKS: Unit cost includes downsized shelters, rapid assembly tents, cables, and integration costs.										

BLI NR. 461000	P-1 SHOPPING LIST	EXHIBIT P-5A
ITEM NO. 37	PAGE NO. 6	

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: IMPROVED DIRECT AIR SUPPORT CENTRAL (IDASC) PRODUCT IMPROVEMENT PROGRAM (PIP)

MODELS OF SYSTEMS AFFECTED: AN/TSQ-155V IMPROVED DASC (IDASC) OE-334 ANTENNA COUPLER GROUP

DESCRIPTION/JUSTIFICATION: Equipment procured under this effort will be modular and allow the system to be task organized and operated internal or external to the downsized AN/TSQ-155(V) and OE-334 Antenna Coupler Group shelters, or external to the DASC operations shelters. Improved capabilities include automated interfaces to the DCT, ATACC, PLRS, AFATDS, and TCO.

DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES: Prototype hardware and software will undergo analysis and modification at Marine Corps Tactical Systems Support Activity and NSWC, Crane IN

FINANCIAL PLAN: (\$ in Millions)

RD&E

PROCUREMENT

Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
10								0
								10
								0.000
								0.000
								0.000
								0.000
								2.245
								0.000
								0.127
								0.082
								0.000
								0.334
								0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

37-7

FY 1995		FY 1996		FY 1997		FY 1998		FY 1999		FY 2000		TO COMP		TOTAL
QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY
(FY 1995) Eqpt	(Kits)													0
(FY 1996) Eqpt	(Kits)													0
(FY 1997) Eqpt	(Kits)													0
(FY 1998) Eqpt	(Kits)													0
(FY 1999) Eqpt	(Kits)													0
(FY 2000) Eqpt	(Kits)													0
(TO COMP) Eqpt	(Kits)													0

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION:

CONTRACT DATES:

DELIVERY DATES:

INSTALLING SCHEDULE:

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

37-8

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		TACTICAL COMBAT OPERATIONS (TCO)								
		RCN: 144124								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		98	0	0	0	0	0	0		
COST (IN MILLIONS)	\$	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<p>Tactical Combat Operations (TCO) will be the Marine Air Ground Task Force (MAGTF) commanders' workstation within the Marine Tactical Command and Control System (MTACCS). TCO will provide senior and subordinate commanders with the automation to receive, fuse, display, and disseminate select information from other component systems of MTACCS. Additional TCO attributes include: automated message management, mission planning, development and dissemination of operations orders and overlays, display of current friendly/enemy situation, display of fire support and maneuver control measures, and interfaces with local and wide area networks.</p> <p>FY96 funding is budgeted in the TCO line (BLI 461300).</p> <p>FY98-01 funding is budgeted in the Command Post Systems line.</p> <p>TCO ACQUISITION OBJECTIVE (A/O): 880</p> <p>FY95: 98 = 11% OF A/O</p> <p>APPROVAL FOR SERVICE USE: FY 95 = CODE A</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME TACTICAL COMBAT OPERATIONS (TCO) (RCN 144124)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Hewlett Packard Chesapeake, Va.		D. DATE		
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE			FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST	
HARDWARE COSTS										
TAC IV Computer	A			37600	98 3685					
TAC IV Expansion Box	A			14750	50 737					
TCIM (Army MODEM)	A			8700	53 461					
Transit Cases	A			600	148 89					
SUPPORT COSTS										
ILS					111					
Program Management					100					
Travel					62					
TOTAL COST					5245			0	0	
BLI NR. 461000				P-1 SHOPPING LIST ITEM NO. 37 PAGE NO. 10						EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
TACTICAL COMBAT OPERATIONS (TCO)										
RCN: 144124										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPEC AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
TAC IV FY95	Hewlett Packard, Chesapeake, Va.	C/FFP	Portsmouth	Jun 96	Feb 96	98	37600	YES	NO	N/A
TAC IV FY95	Hewlett Packard, Chesapeake, Va.	C/FFP	Portsmouth	Jun 95	Feb 96	50	14750	YES	NO	N/A
EXPANSION BOX TCIM FY95	SAIC, San Diego, Ca	C/FFP	US Army	Mar 95	Feb 96	53	8700	YES	NO	N/A
Transit Cases FY95	Packaging Strategie Inc., Baltimore, MD	C/FFP	NISE East	Mar 95	Feb 96	148	600	YES	NO	N/A
REMARKS:										

BLI NR. 461000

P-1 SHOPPING LIST
 ITEM NO. 37
 PAGE NO. 11

EXHIBIT P-5A

"CODE B" ITEM DESCRIPTION		DATE			
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					
P-1 ITEM NOMENCLATURE: TACTICAL COMBAT OPERATIONS (TCO)		RCN: 144124			
1. CURRENT DEVELOPMENT AND TEST STATUS					
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	CONTINUAL TESTING EVERY SIX MONTHS			
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual				
c. Operational Test & Evaluation (OT&E)	Plan/Actual				
d. Available Date of Technical Data Package (TDP or Performance Specifications	Plan/Actual				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: Sep 1995					
3. EQUIPMENT ITEM(S) TO BE REPLACED: None					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: N/A					
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)					
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	CY (FY1995)	BY (FY1996)	BEYOND BY
			\$ 2.4	\$ 1.0	20.1
			\$	\$	
			\$	\$	
			\$	\$	
			\$	\$	
TOTAL RDT&E FUNDING			\$ 2.4	\$ 1.0	20.1
REMARKS: NISE East serves as system integrator with multiple contracts.					
BLI NR. 461000		P-1 SHOPPING LIST		EXHIBIT P-19	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TACTICAL COMBAT OPERATIONS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 81
DEPOT MAINTENANCE FLOAT: 99
TOTAL: 180

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 199
II MARINE EXPEDITIONARY FORCE: 203
III MARINE EXPEDITIONARY FORCE: 136
SELECTED MARINE CORPS RESERVE: 122
SUPPORT ESTABLISHMENT: 40
NORWAY AIR LANDED BRIGADE: 0
MARITIME PREPOSITIONING FORCE: 0
TOTAL: 700

WRMR/MPF OFFSET

(0)

APPROVED ACQUISITION OBJECTIVE

880

37-13

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: A2534	880	ITEM NAME: Tactical Combat Operations (TCO)	
ACQUISITION OBJECTIVE:		RCN: 144124	
ENDING INVENTORY 30 SEP 1993		FY 1994	FY 1995
GAINS:			
*FY BUDGET			98
*OTHER			0
TOTAL			98
LOSSES:			
*COMBAT USMC			0
*COMBAT ALLIES			0
*PEACETIME			0
*WASHOUT			0
*SALES			0
*OTHER			0
TOTAL			0
NET CHANGE (+/-)			0
ASSET POSITION:			
*STD SERVICEABLE			98
*STD UNSERVICEABLE			0
*SUB SERVICEABLE			0
*SUB UNSERVICEABLE			0
TOTAL			98
\$M VALUE			5.2
% A/O ON HAND/FUNDED			11 %
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY:	
		VALUE:	\$ M
		FY 1997 RECOMMENDED BUY - QUANTITY:	
		VALUE:	\$ M

EXHIBIT P-20A

 P-1 SHOPPING LIST
 ITEM NO. 37
 PAGE NO. 14

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATDS) RCN: 140064								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		137	210	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	5.3 \$	11.9 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0	
<p>Advanced Field Artillery Tactical Data System (AFATDS) will provide digital fire support Command Control (C2) automation to Marine Air Ground Task Force (MAGTF) Fire Support Coordination Centers, Fire Direction Centers, and Supporting Arms Coordination Centers (Afloat). This line procures the hardware only. A hardware suite will consist of ruggedized general purpose computers, tactical modems, printers, displays, electrical power distribution units and integration rack/shelter kits. Initial fielding will include Marine Corps Fire Support Command and Control System, similar to the Army's Initial Fire Support Automation System, to provide an initial capability. The system will work with existing and planned tactical communication equipment. The hardware suite is changing in FY-96 in order to support the system migration to the DoD Common Operating Environment.</p> <p>ACQUISITION OBJECTIVE (A/O): 782</p> <p>FY 1994: 271 = 35% of AO FY 1995: 408 = 52% of AO FY 1996: 618 = 79% of AO FY 1997-01: 782 = 100% of AO</p> <p>APPROVAL FOR SERVICE USE: FY-96 = CODE A</p> <p>FY-96 UNIT COST: \$55,419</p> <p>FY-99 PROCUREMENT IN BLI 463100.</p>										

BLI NR. 461100

P-1 SHOPPING LIST
 ITEM NO. 38 - 1
 PAGE NO.

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATDS) (RCN 140064)				C. MANUFACTURER NAME PLANT CITY/STATE LOCATION LITTON/SAIC, AGOURA, CA.		D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995	FY 1996	FY 1997	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM	A	33,151	4542	55,419	137	404	55,419	210	11638	
PROGRAM SUPPORT:										
TAD										
PROGRAM MANAGEMENT										
ENGINEERING SUPPORT										
TRAINING MATERIAL										
INTEGRATED LOG SUPPORT										
FACTORY TRAINING										
TOTAL PROGRAM COST										
Active Component										
Reserve Component										
TOTAL COST										
BLI NR. 461100										

EXHIBIT P-5

P-1 SHOPPING LIST
ITEM NO. 38
PAGE NO. 2

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATDS)					
					RCN: 140064					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
Advanced Field Artillery Tactical Data System (AFATDS)										
FY95	LITTON/SAIC Agoura Hills, CA	C/FFP	CECOM	JAN95	APR95	137	33,151	YES	NO	N/A
FY96	LITTON Agoura Hills, CA	C/FFP	CECOM	MAR96	JUN96	210	55,419	YES	NO	N/A
REMARKS: Hardware transition in FY96 provides pathway to transition fire support applications to the DoD Common Operating Environment.										

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: <u>A0011</u> ACQUISITION OBJECTIVE: <u>782</u>		ITEM NAME: <u>ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATDS)</u> RCN: <u>140064</u>	
ENDING INVENTORY			
30 SEP 1993			
GAINS:		FY 1994	FY 1995
*FY BUDGET		271	137
*OTHER			
TOTAL		271	137
LOSSES:		FY 1996	FY 1997
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL		0	0
NET CHANGE (+/-)		271	210
ASSET POSITION:			
*STD SERVICEABLE		271	618
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL		271	618
\$M VALUE		10	27.2
% A/O ON HAND/FUNDED		35 %	79 %
0 %			0 %
COMMENTS: <div style="float: right; text-align: right;"> FY 1996 RECOMMENDED BUY - QUANTITY: <u>210</u> VALUE: \$ <u>11.9 M</u> FY 1997 RECOMMENDED BUY - QUANTITY: <u> </u> VALUE: \$ <u> M</u> </div>			

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		Tactical Combat Operations (TCO)								
		RCN: 144124								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
			236	0	0	0	0	0		
COST (IN MILLIONS)		\$ 0.0	\$ 10.8	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	
<p>This procurement covers the microcomputer needs of the TCO program. This program provides digital mapping, messaging, overlay, and related capabilities to Marine commanders and their staffs at the battalion level and above. TCO enables Marines to share a common picture of the battlefield throughout the Marine Air Ground Task Force (MAGTF), thereby allowing commanders to make more timely and effective decisions. This system uses the common core software of the Joint Maritime Command Information System and will allow Marines to share their views of the battlespace not only with each other, but their Navy and Coast Guard counterparts as well.</p> <p>THIS ITEM IS CODE A</p> <p>TCO ACQUISITION OBJECTIVE (A/O): 880</p> <p>FY95&PRIOR 98 = 11% OF A/O FY96: 334 = 38% OF A/O FY97: 564 = 64% OF A/O FY98: 780 = 89% OF A/O FY99-01: 880 = 100% OF A/O</p> <p>The TCO line begins in FY 96, the MTACCS line ends in FY 95, Command Post Systems line starts in FY 97. FY 97-99 PROCUREMENT IN BLI 463100.</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME TACTICAL COMBAT OPERATIONS (TCO) RCN: 144124		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Hewlett Packard		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
HARDWARE COSTS									
TAC IV Computer	A			37600	236		8874		
TAC IV Expansion Box	A			14750	68		1003		
TCIM (Army MODEM)	A			8418	56		471		
Transit Cases	A			618	304		188		
SUPPORT COSTS									
ILS							65		
Program Management							113		
Factory Training/							79		
Travel									
TOTAL COST							10793		
BLI NR. 461300		P-1 SHOPPING LIST ITEM NO. 39		PAGE NO. 2		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
Tactical Combat Operations (TCO)										RCN: 144124
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
TAC-IV FY96	HEWLETT PACKARD CHESAPEAKE, VA.	C/FFP	PORTSMOUTH NAVAL SHIPYARD	Dec 95	Apr 96	236	37600	YES	NO	N/A
TAC-IV FY96	HEWLETT PACKARD CHESAPEAKE, VA.	C/FFP	PORTSMOUTH NAVAL SHIPYARD	Dec 95	Apr 96	68	14750	YES	NO	N/A
TCIM FY96	SAIC SAN DIEGO, CA	C/FFP	US ARMY CECOM	Oct 95	Apr 96	56	8418	YES	NO	N/A
Transit Cases FY96	PACKAGING STRATEGIES, INC. BALTIMORE, MD.	C/FFP	NISE EAST MCS	Oct 95	Apr 96	304	618	YES	NO	N/A
REMARKS:										

BLI NR. 461300

P-1 SHOPPING LIST
 ITEM NO. 39
 PAGE NO. 3

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TACTICAL COMBAT OPERATIONS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 81
DEPOT MAINTENANCE FLOAT: 99
TOTAL: 180

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 199
II MARINE EXPEDITIONARY FORCE: 203
III MARINE EXPEDITIONARY FORCE: 136
SELECTED MARINE CORPS RESERVE: 122
SUPPORT ESTABLISHMENT: 40
NORWAY AIR LANDED BRIGADE: 0
MARITIME PREPOSITIONING FORCE: 0
TOTAL: 700

WRMR/MPF OFFSET

(0)

APPROVED ACQUISITION OBJECTIVE

880

39-4

ASSET DYNAMICS		DATE:																																																																																																																																										
ITEM NAME: Tactical Combat Operations (TCO)		RCN: 144124																																																																																																																																										
TAMCN/DODIC:	A2534	880																																																																																																																																										
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BLI NR. 461300		P-1 SHOPPING LIST ITEM NO. 39 - 5 PAGE NO.																																																																																																																																										

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		AN/TPQ-36 FIREFINDER RADAR UPGRADES								RCN: 140075
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.0	0.0	30.4	0.6	1.5	0.0	0.0	0.0	
<p>The AN/TPQ-36 FIREFINDER RADAR is used to locate hostile indirect fire against friendly forces. After location, coordinates are passed to friendly fire support assets to engage the enemy. The AN/TPQ-36 was first fielding in the Marine Corps in 1985. The block upgrades will result in significant reduction in size from five ton trucks to HMMV configuration to improve mobility and transportability, and incorporation of new/more capable electronics components. The results of the modification program will be a highly mobile and greatly enhanced locating capability.</p>										
MOD		INSTALLING AGENT		INSTALLATION		END ITEM				
AN/TPQ-36 (V)7 (DOWNSIZE TO HMMV)		DEPOT		BEGIN: APR 98 END: JUN 99		AN/TPQ-36 RADAR				
AN/TPQ-36 (V)8 (ELECTRONIC ENHANCEMENT)		DEPOT		BEGIN: APR 98 END: JUN 99		AN/TPQ-36 RADAR				
MODELS OF SYSTEMS AFFECTED:		AN/TPQ-36 FIREFINDER RADAR								
MODIFICATION TITLE:		FY 1995 FY 1996 FY 1997								
AN/TPQ-36 (V)7 (DOWNSIZE TO HMMV)		8.326								
AN/TPQ-36 (V)8 (ELECTRONIC ENHANCEMENT)		22.054								
TOTAL		30.380								

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/TPQ-36 FIREFINDER RADAR UPGRADE RCN: 140075		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 TOTAL COST	FY 1996 UNIT COST	FY 1996 TOTAL COST	FY 1997 UNIT COST	FY 1997 TOTAL COST	QTY	TOTAL COST
AN/TPQ-36 (V) 7 DOWNSIZE	A					372.727		22	8,200
SPECIAL TEST EQUIP									126
AN/TPQ-36 (V) 8 (ELEC)	B					995,100		22	21,892
SPECIAL TEST EQUIP									162
TOTAL PROGRAM COST Active Component Reserve Component									
TOTAL COST								30380	
BLI NR. 468300									

P-1 SHOPPING LIST
 ITEM NO. 40
 PAGE NO. 2

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										AN/TPQ-36 FIREFINDER RADAR UPGRADES
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
AN\TPQ-36 (V)7 (DOWNSIZE) / FY97	Gov Depot*	O-TM (1)	CECOM	FEB 97	MAR 98	22	372,727	YES	NO	N/A
AN/TPQ-36 (V)8 (Electronics) / FY97	Grumman Aerospace Corporation Bethpage, Long Island, N.Y.	C-FF	CECOM	DEC 96	MAR 98	22	995,100	YES	NO	N/A
REMARKS:										

BLI NR. 468300

P-1 SHOPPING LIST
 ITEM NO. 40
 PAGE NO. 3

EXHIBIT P-5A

"CODE B" ITEM DESCRIPTION		DATE				
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4		P-1 ITEM NOMENCLATURE: AN/TPQ-36 FIREFINDER RADAR UPGRADES RCN: 140075				
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E) Plan/Actual b. Initial Operational Test & Evaluation (IOT&E) Plan/Actual c. Operational Test & Evaluation (OT&E) Plan/Actual d. Available Date of Technical Data Package (TDP) Plan/Actual or Performance Specifications	JUN 95 FEB 96 FEB 96 OCT 95	JUN 95 AUG 95 AUG 95 OCT 95 THE SOFTWARE INTEGRATION TESTING WAS NOT COMPLETED UNTIL DEC 95.				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: SEPT 96						
3. EQUIPMENT ITEM(S) TO BE REPLACED: This is a modification to AN/TPQ-36 FIREFINDER RADAR						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: The AN/TPQ-36 (V)8 Electronics Upgrade will greatly enhance the hostile fire locating capability of the current FIREFINDER RADAR.						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH FY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
Grumman Aerospace	Great River NY	AN/TPQ-36	\$.0	\$.0	\$.1	\$.2
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
TOTAL RDT&E FUNDING			\$ 0	\$ 0	\$.1	\$.2
REMARKS:						
BLI NR. 468300						
P-1 SHOPPING LIST ITEM NO. 40 - 4 PAGE NO. 4						
EXHIBIT P-19						

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: AN/TPQ-36 (V) 7 UPGRADE (DOWNSIZE TO HMMWV)

MODELS OF SYSTEMS AFFECTED: AN/TPQ-36 FIREFINDER RADAR UPGRADES

DESCRIPTION/JUSTIFICATION: This upgrade provides for a downsizing of the current system from five ton trucks to HMMWV's to improve mobility and transportability. The upgrade includes the incorporation of the Modular Azimuth Positioning System (MAPS) which is a self-survey capability that greatly enhances the speed with which the system can be emplaced and reduces the survey support requirements to employ the system.

DEVELOPMENTAL STATUS/
MAJOR DEVELOPMENT MILESTONES: ADM 4THQTR FY96

FINANCIAL PLAN: (\$ in Millions)

	FY 1995		FY 1996		FY 1997		FY 1998		FY 1999		FY 2000		TO COMP		TOTAL	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
PROCUREMENT					22										22	
Kit Quantity																0.000
Installation Kits																8.200
Install. Kits Nonrecurring						8.200										0.000
Equipment																0.000
Equipment Nonrecurring																0.000
Engineering Change Orders																0.000
Data																0.000
Training Support																0.000
Support Equipment																0.126
Other																0.000
Interim Contractor Support																0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

40-5

INSTALLATION OF HARDWARE									
	FY 1995		FY 1996		FY 1997		FY 1998		TOTAL
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY
(FY 1995) Eqpt (Kits)									0
(FY 1996) Eqpt (Kits)									0
(FY 1997) Eqpt (Kits)									0
(FY 1998) Eqpt (Kits)									0
(FY 1999) Eqpt (Kits)									22
(FY 2000) Eqpt (Kits)									0
(TO COMP) Eqpt (Kits)									0
TOTAL INSTALLATION COST	0	0.000	0	0.000	0	0.000	7	0.300	15
TOTAL PROCUREMENT COST	0.000	0.000	0.000	8.326	0.000	0.758	0.000	0.000	0.000
									9.384

METHOD OF IMPLEMENTATION: _____										Depot _____		ADMIN LEAD-TIME: 4 MONTHS				PRODUCTION LEAD-TIME: 13 MONTHS							
CONTRACT DATES:										FY 1996 _____				FY 1997 FEB 97 _____									
DELIVERY DATES:										FY 1996 _____				FY 1997 MAR 98 _____									
INSTALLING SCHEDULE:										FY 1995		FY 1996		FY 1997		FY 1998		FY 1999		FY 2000		TOTAL	
										1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT																1 9 12							
OUTPUT																7		7		8			

EXHIBIT P-3A INDIVIDUAL MODIFICATION

40-6

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: AN/TPQ-36 (V) 8 UPGRADE (ELECTRONICS ENHANCEMENT)

MODELS OF SYSTEMS AFFECTED: AN/TPQ-36 FIREFINDER RADAR UPGRADES

DESCRIPTION/JUSTIFICATION: This upgrade provides a new RADAR processor and improved software to enhance the RADARS capabilities by increasing its range and location accuracy. These improvements overcome deficiencies identified during Operation DESERT STORM.

DEVELOPMENTAL STATUS/
MAJOR DEVELOPMENT MILESTONES: ADM 4THQTR FY 96

FINANCIAL PLAN: (\$ in Millions)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$

PROCUREMENT	22						
Kit Quantity							0.000
Installation Kits							21.892
Install. Kits Nonrecurring		21.892					0.000
Equipment							0.000
Equipment Nonrecurring							0.000
Engineering Change Orders							0.000
Data							0.000
Training Support							0.000
Support Equipment							0.162
Other		0.162					0.000
Interim Contractor Support							0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY	\$	QTY	\$	QTY	\$	QTY	\$
INSTALLATION OF HARDWARE								
(FY 1995) Eqpt (Kits)								0 0.000
(FY 1996) Eqpt (Kits)								0 0.000
(FY 1997) Eqpt (Kits)								0 0.000
(FY 1998) Eqpt (Kits)				7 0.298	15 0.755			22 1.053
(FY 1999) Eqpt (Kits)								0 0.000
(FY 2000) Eqpt (Kits)								0 0.000
(TO COMP) Eqpt (Kits)								0 0.000
TOTAL INSTALLATION COST	0	0.000	0	0.000	7	0.298	15	0.755
								0 0.000
TOTAL PROCUREMENT COST	0.000	0.000	22.054	0.298	0.755	0.000	0.000	23.107

METHOD OF IMPLEMENTATION: _____ Contract _____ ADMIN LEAD-TIME: 2 MONTHS PRODUCTION LEAD-TIME: 15 MONTHS

CONTRACT DATES: FY 1996 _____ FY 1997 DEC 96 _____

DELIVERY DATES: FY 1996 _____ FY 1997 MAR 98 _____

INSTALLING SCHEDULE:	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT	2 6 14						

7 7 8

EXHIBIT P-3A INDIVIDUAL MODIFICATION

BUDGET ACTIVITY: PROCUREMENT MARINE CORPS/BUDGET ACTIVITY: P-1 ITEM NOMENCLATURE: AN/TPQ-36 FIREFINDER RADAR UPGRADES									
DATE: 140075									
FISCAL YEAR: 98									
CALENDAR YEAR: 98									
FISCAL YEAR: 99									
CALENDAR YEAR: 99									
FISCAL YEAR: 97									
CALENDAR YEAR: 97									
FISCAL YEAR: 96									
CALENDAR YEAR: 96									
FISCAL YEAR: 95									
CALENDAR YEAR: 95									
ITEM AND MANUFACTURER	U/M	S	R	V	ACC	BAL	PRIOR	TO AS OF	1 OCT 95
AN/TPQ-36 (V) 7	EA MC	22	0	22	0	22	0	22	0
GOV'T DEPOT	EA MC	5	0	5	0	5	0	5	0
*** RESERVES	EA MC	13	0	13	0	13	0	13	0
AN/TPQ-36 (V) 8	EA MC	22	0	22	0	22	0	22	0
GRUMMAN	EA MC	5	0	5	0	5	0	5	0
*** RESERVES	EA MC	13	0	13	0	13	0	13	0
TOTAL		57	0	57	0	57	0	57	0

MANUFACTURER'S NAME & LOCATION		TOBYHANA ARMY DEPOT		GRUMMAN AEROSPACE, BETHPAGE LONG ISLAND, NY		BULI NR. 468300	
REORDER (Previous Source)		P-1 SHOPPING LIST		ITEM NO. 40		PAGE NO. 9	
PROCUREMENT LEAD TIME		ADMIN LEAD TIME		MANUFACTURING TIME		TOTAL AFTER 1 OCT	
INITIAL		PRIOR 1 OCT		13		17	
REORDER (Previous Source)		P-1 SHOPPING LIST		ITEM NO. 40		PAGE NO. 9	
REMARKS:		***RESERVES LINE IS NON-ADDITIVE					

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BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

P-1 ITEM NOMENCLATURE:

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

METEOROLOGICAL SYS AN/TMO-41, MET MEASURING SET (MMS)

RCN: 142556

QUANTITY	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
	21	0	0	0	0	0	0
COST (IN MILLIONS)	\$ 9.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

The meteorological measuring set (MMS) is a mobile, fully automated, non-radiating artillery meteorological (MET) system that measures atmospheric parameters of temperature, pressure, relative humidity and wind (speed and direction) from the earth's surface to an altitude of 30km. The data is provided to artillery fire direction centers to correct MET effects upon weapons system ballistic trajectories. The system consists of a processor, UHF antenna, a NAVAID antenna, a lightweight radio direction finding (RDF) antenna, a printer, and a power supply unit.

The MMS is designed to provide up to 18 soundings in any 24 hour period. It can be emplaced in 20 min (RDF); 15 min (NAVAID) and displaced in 15 min (RDF); 10 min (NAVAID). A total of 47 systems are being procured by the Army (7 version A; 40 version B) with First Unit Equipped with a version A MMS in March 92.

ACQUISITION OBJECTIVE (A/O) = 21

FY 1995 21 = 100% OF A/O

APPROVAL FOR SERVICE USE = CODE A

BLI NR. 474400

P-1 SHOPPING LIST
ITEM NO. 41
PAGE NO. 1

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/TMQ-41, MET MEASURING SET (MMS) RCN (142556)			C. MANUFACTURER NAME PLANT CITY/STATE LOCATION ETG BALTIMORE, MD		D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
MET measuring Set	A	396413 *	21 8,325						
Radioondes									
ECOs									
Government Support			634						
GFE			384						
ILS Support			98						
* UNIT COST IS AVERAGE OF BOTH FY 1995 CONTRACTS									
TOTAL PROGRAM COST			9441 (7459) (1982)						(511)
Active Component									
Reserve Component									
INITIAL SPARES									
TOTAL COST			9441				0		0
BLI NR. 474400		P-1 SHOPPING LIST ITEM NO. 41		PAGE NO. 2		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE: METEOROLOGICAL SYS AN/TMQ-41, MET MEASURING SET (MMS) RCN: 142556
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
FY95	ETG, INC. BALTIMORE, MD	C/FFP	USA CECOM	MAY 95	APR 96	10	348,560	YES	NO	N/A
FY95	ETG, INC. BALTIMORE, MD	C/FFP	USA CECOM	SEP 95	AUG 96	11	439,917	YES	NO	N/A

REMARKS:
THE FIRST CONTRACT FOR (10) SYSTEMS WAS LET ON 31 MAY 95. A LETTER CONTRACT TO PROCURE THE REMAINING (11) SYSTEMS WAS DATED 29 SEP 95. THIS CONTRACT REFLECTED AN INCREASE IN THE NEGOTIATED PRICE.

BLI NR. 474400	P-1 SHOPPING LIST		EXHIBIT P-5A
	ITEM NO. 41	PAGE NO. 3	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: METEOROLOGICAL MEASURING SET (MMS)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 5
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 5

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 4
II MARINE EXPEDITIONARY FORCE: 4
III MARINE EXPEDITIONARY FORCE: 3
SELECTED MARINE CORPS RESERVE: 5
SUPPORT ESTABLISHMENT: 0
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 16

APPROVED ACQUISITION OBJECTIVE 21

41-4

ASSET DYNAMICS

DATE:

ITEM NAME: AN/TM-41, MET MEASURING SET (MMS)

RCN: 142556

E1031

21

TAMCN/DODIC:
ACQUISITION OBJECTIVE:

ENDING
INVENTORY
30 SEP 1993

	FY 1994	FY 1995	FY 1996	FY 1997
GAINS:				
*FY BUDGET		21	0	
*OTHER		21	0	0
TOTAL	0			
LOSSES:				
*COMBAT USMC				
*COMBAT ALLIES				
*PEACETIME				
*WASHOUT				
*SALES				
*OTHER	0	0	0	0
TOTAL	0	21	0	0
NET CHANGE (+/-)	0	21	0	0
ASSET POSITION:				
*STD SERVICEABLE		21	21	21
*STD UNSERVICEABLE				
*SUB SERVICEABLE				
*SUB UNSERVICEABLE				
TOTAL	0	21	21	21
\$M VALUE	\$	\$	\$	\$
% A/O ON HAND/FUNDED	0 %	100 %	100 %	100 %

COMMENTS:

FY 1996 RECOMMENDED BUY - QUANTITY:

VALUE: \$ 0 M

FY 1997 RECOMMENDED BUY - QUANTITY:

VALUE: \$ 0 M

BLI NR. 474400

P-1 SHOPPING LIST
ITEM NO. 41

EXHIBIT P-20A

BUDGET ITEM JUSTIFICATION SHEET									
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:							
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		INTELLIGENCE SUPPORT EQUIPMENT							
		RCN: 142576							
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
COST (IN MILLIONS)	\$	14.4	44.3	26.4	15.3	11.4	0.5	0	0.6

This is a composite line of the intelligence equipment which includes:

- Secondary Imagery Dissemination System (SIDS)
- Intelligence Analysis System - (IAS) (MEF)
- Tactical Remote Sensor System (TRSS)
- Team Portable Communication System (TPCS)
- Trojan Spirit II
- Intelligence Analysis System (TCAC)
- Commanders Tactical Terminal (CTT)
- Joint Surveillance/Target Attac Radar System JSTARS)

BLI NR.	474700	P-1 SHOPPING LIST	EXHIBIT P-40
		ITEM NO.	PAGE NO.
		42	1

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORP BUDGET ACTI 4		B. WEAPON MODEL/SERIES/POPULAR NAME INTELLIGENCE SUPPORT EQUIPMENT (ROLL-UP (RCN 142576)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Various		D. DATE	
WEAPON SYSTEM COST ELEMENTS		IDENT. CODE		FY 1995		FY 1996		FY 1997	
				UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST
Secondary Imagery Dissemination System	B						2117		7143
Intelligence Analysis System (MEF)	A			647					6969
Tactical Remote Sensor Set	A			13700			678		318
Team Portable Communications System				12			5814		
Trojan Spirit				56			6879		
Intelligence Analysis System (TCAC)									10982
Commanders Tactical Terminal (CTT)							12436		960
Joint Surveillance Target Attack Radar System (JSTARS)							16417		
Initial Spares						(8336)	(2021)		(6986)
Total Cost					14415		44341		26372
BLI NR. 474700		P-1 SHOPPING LIST		ITEM NO. 42		PAGE NO. 2		EXHIBIT P-5	

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MANPACK SECONDARY IMAGERY DISSEMINATION SYSTEM								
		RCN: 140726								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
			10	45	0	0	0	0		
COST (IN MILLIONS)	\$	0.0 \$	2.1 \$	7.1 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0	

Manpack Secondary Imagery Dissemination System provides the MAGTF commander with the capability to collect, store, display, and transmit high priority reconnaissance imagery over organic MAGTF communications assets in near-real-time. This will give the MAGTF commander access to time sensitive reconnaissance imagery. The system will be fielded to ground reconnaissance units within the MAGTF.

AO is 86 systems. A system consists of a base station and 3 out stations. Previous submissions accounted for individual components. Consequently, the unit cost of the system is significantly larger than the unit cost of the individual components.

Approval for service use: FY 95 = CODE B

FY 1996: 13 = 15% OF AO
FY 1997: 58 = 67% OF AO

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME Manpack Secondary Imagery Dissemination System (RCN 140726)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Harris Corp., Rochester, NY		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MANPACK SIDS	B			150,000	13	153,300	45	6,899	
FACTORY TRAINING						164	241		
WARRANTY						3	3		
TOTAL COST									
BLI NR. 474700						2117	7143		

P-1 SHOPPING LIST
ITEM NO. 42
PAGE NO. 4

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
MANPACK SECONDARY IMAGERY DISSEMINATION SYSTEM										
RCN: 140726										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
FY 96 Manpack SIDS	Integration of System, Crane, IN.	FFP	Crane IN	Feb 96	Mar 96	13	150,000	Yes	No	N/A
FY 97 Manpack SIDS	Integration of System, Crane, IN	FFP	Crane, IN	Dec 96	Jan 97	45	153,300	Yes	No	N/A
REMARKS; FY 96 quantities are low rate initial production units which will be fielded subsequent to successful OT&E. FY 97 quantities will be procured as options quantities. Overall cost dropped due to using a Common Computer Resource configuration vs Harris Corp. configuration.										

BLI NR. 474700

P-1 SHOPPING LIST
 ITEM NO. 42
 PAGE NO. 5

EXHIBIT P-5A

"CODE B" ITEM DESCRIPTION		DATE			
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY <u>4</u>		P-1 ITEM NOMENCLATURE: MANPACK SECONDARY IMAGERY DISSEMINATION SYSTEM RCN: 140726			
1. CURRENT DEVELOPMENT AND TEST STATUS					
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E) c. Operational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual Plan/Actual Plan/Actual Plan/Actual	CURRENT LAST REPORTED SCHEDULE DATE REASON FOR DELAY			
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: MS III Jul 95 NOTE: MS IIA (LRIP) Sep 94 3. EQUIPMENT ITEM(S) TO BE REPLACED: None					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: N/A					
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)					
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	CY (FY1995)	BY (FY1996)	BEYOND BY
Crane, IN.	Crane, IN.	System	\$	\$ 0.636	\$ 2.323
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
TOTAL RDT&E FUNDING			\$	0 \$ 0.636	\$ 2.323
REMARKS: MANPACK SIDS is a COTS/NDI procurement. FY 96 (and beyond) RDT&E funds are for software upgrades.					
BLI NR. 474700		P-1 SHOPPING LIST		EXHIBIT P-19	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: MANPACK SIDS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 9
DEPOT MAINTENANCE FLOAT: 4
TOTAL: 13

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 22
II MARINE EXPEDITIONARY FORCE: 18
III MARINE EXPEDITIONARY FORCE: 10
SELECTED MARINE CORPS RESERVE: 21
SUPPORT ESTABLISHMENT: 2
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 73

APPROVED ACQUISITION OBJECTIVE

86

42-7

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: _____		ITEM NAME: Manpack Secondary Imagery Dissemination System	
ACQUISITION OBJECTIVE: _____		RCN: 140726	
TBD _____		86	

	FY 1994	FY 1995	FY 1996	FY 1997
ENDING INVENTORY 30 SEP 1993				
GAINS:				
*FY BUDGET			13	45
*OTHER				
TOTAL	0	0	13	45
LOSSES:				
*COMBAT USMC				
*COMBAT ALLIES				
*PEACETIME				
*WASHOUT				
*SALES				
*OTHER				
TOTAL	0	0	0	0
NET CHANGE (+/-)	0	0	13	45
ASSET POSITION:				
*STD SERVICEABLE				
*STD UNSERVICEABLE	0	0		58
*SUB SERVICEABLE				
*SUB UNSERVICEABLE				
TOTAL	0	0	13	58
\$M VALUE	\$	\$	\$ 2.1	\$ 9.2
% A/O ON HAND/FUNDED	0 %	0 %	15 %	67 %
COMMENTS:	FY 1996 RECOMMENDED BUY - QUANTITY: 13 VALUE: \$ 2.1 M FY 1997 RECOMMENDED BUY - QUANTITY: 45 VALUE: \$ 7.1 M			

BLI NR. 474700	P-1 SHOPPING LIST	ITEM NO. 42	PAGE NO. 8
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EXHIBIT P-20A

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		INTELLIGENCE ANALYSIS SYSTEM (MEF)								
		RCN: 141044								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	3	4	0	0	0		
COST (IN MILLIONS)	\$	0.6 \$	0.0 \$	7.0 \$	9.4 \$	0.0 \$	0.0 \$	0.0 \$	0.0	
<p>NARRATIVE: The Intelligence Analysis System (IAS) will provide finished intelligence data to the commander in near-real-time, allowing him to act on intelligence, rather than react to events. The IAS consists of three subsystems: IAS (Suites), IAS (MEF) and IAS (Workstations). The IAS will utilize the Integrated Database (IDB) developed by DIA, and will utilize commercial and government developed software.</p> <p>MEF IAS consists of two HMMWV-mounted shelters per system. Each shelter contains a ruggedized file server, communications server, communications interfaces (modems, crypto) and peripherals (CD ROM, tape drives, hard disk drives, plotter, dot matrix and laser printers). The servers will be connected to six workstations on a Local Area Network (LAN).</p> <p>MEF IAS AO = 9 FY 93 & PRIOR: 2 22% OF AO FY 1997: 5 56% OF AO FY 1998: 9 100% OF AO Approval for Service Use: FY 95 = Code B</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT MARINE CORP BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME INTELLIGENCE ANALYSIS SYSTEM (MEF) RCN: 141044		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Vitro Corp Oxnard, CA		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
MEF IAS SYSTEMS									
Servers, Peripherals						212,317	3		
Workstations							6	1,274	
Cables and Connectors						24,802	24	595	
Racks								150	
Costs for fielding of the RSC-1X and RSC-2X computer equipment			647					54	
System Integration Engineering Support								2,290	
Integ Logistics Support								1,401	
								1,205	
TOTAL COST									6,969
BLI NR. 474700		P-1 SHOPPING LIST		ITEM NO. 42		PAGE NO. 11		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					INTELLIGENCE ANALYSIS SYSTEM (MEF)					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
FY97										
Servers	Vitro Corp Oxnard, CA	C-O	MCSYSCOM	APR97	AUG97	6	212,317	YES	NO	N/A
Peripherals										
Workstations	Vitro Corp Oxnard, CA	C-O	MCSYSCOM	APR97	AUG97	24	24,802	YES	NO	N/A
REMARKS:										

"CODE B" ITEM DESCRIPTION		DATE			
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4		P-1 ITEM NOMENCLATURE: INTELLIGENCE ANALYSIS SYSTEM (MEF) RCN: 141044			
1. CURRENT DEVELOPMENT AND TEST STATUS					
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E) c. Operational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual Plan/Actual Plan/Actual Plan/Actual	RPC-1X Issue Aug 95 Feb 96 Apr 96 Nov 96			
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:		NOV 1996			
3. EQUIPMENT ITEM(S) TO BE REPLACED:					
This is a new capability.					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:					
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)					
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	CY (FY1995)	BY (FY1996)	BEYOND BY
			\$ 2.9\$	1.3\$	6.1
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
TOTAL RDT&E FUNDING			\$ 2.9\$	1.3\$	6.1
REMARKS:					
BLI NR. 474700					
P-1 SHOPPING LIST ITEM NO. 42 - 13 PAGE NO.					
EXHIBIT P-19					

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: IAS (MEF)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 1
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 1

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 2
II MARINE EXPEDITIONARY FORCE: 2
III MARINE EXPEDITIONARY FORCE: 2
SELECTED MARINE CORPS RESERVE: 0
SUPPORT ESTABLISHMENT: 2
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 8

APPROVED ACQUISITION OBJECTIVE

9

412-14

ASSET DYNAMICS		DATE:																																																																																																																				
TAMCN/DODIC:	A2315	ITEM NAME: IAS (MEF)	141044																																																																																																																			
ACQUISITION OBJECTIVE:	9	RCN:																																																																																																																				
<table border="1"> <thead> <tr> <th></th> <th>FY 1994</th> <th>FY 1995</th> <th>FY 1996</th> <th>FY 1997</th> </tr> </thead> <tbody> <tr> <td>ENDING INVENTORY 30 SEP 1993</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GAINS:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*FY BUDGET</td> <td>0</td> <td>0</td> <td>0</td> <td>3*</td> </tr> <tr> <td>*OTHER</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>LOSSES:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*COMBAT USMC</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*COMBAT ALLIES</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*PEACETIME</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*WASHOUT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SALES</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*OTHER</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>NET CHANGE (+/-)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>ASSET POSITION:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*STD SERVICEABLE</td> <td>2</td> <td>2</td> <td>2</td> <td>5</td> </tr> <tr> <td>*STD UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SUB SERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SUB UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>2</td> <td>2</td> <td>2</td> <td>5</td> </tr> <tr> <td>\$M VALUE</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>12.0</td> </tr> <tr> <td>% A/O ON HAND/FUNDED</td> <td>22 %</td> <td>22 %</td> <td>22 %</td> <td>56 %</td> </tr> </tbody> </table>					FY 1994	FY 1995	FY 1996	FY 1997	ENDING INVENTORY 30 SEP 1993					GAINS:					*FY BUDGET	0	0	0	3*	*OTHER	0	0	0	0	TOTAL					LOSSES:					*COMBAT USMC					*COMBAT ALLIES					*PEACETIME					*WASHOUT					*SALES					*OTHER					TOTAL	0	0	0	0	NET CHANGE (+/-)	0	0	0	0	ASSET POSITION:					*STD SERVICEABLE	2	2	2	5	*STD UNSERVICEABLE					*SUB SERVICEABLE					*SUB UNSERVICEABLE					TOTAL	2	2	2	5	\$M VALUE	5.0	5.0	5.0	12.0	% A/O ON HAND/FUNDED	22 %	22 %	22 %	56 %
	FY 1994	FY 1995	FY 1996	FY 1997																																																																																																																		
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*SUB UNSERVICEABLE																																																																																																																						
TOTAL	2	2	2	5																																																																																																																		
\$M VALUE	5.0	5.0	5.0	12.0																																																																																																																		
% A/O ON HAND/FUNDED	22 %	22 %	22 %	56 %																																																																																																																		
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY:																																																																																																																				
*QUANTITIES REPRESENT COMPLETE SYSTEMS.		VALUE: \$ 0																																																																																																																				
		FY 1997 RECOMMENDED BUY - QUANTITY:																																																																																																																				
		VALUE: \$ 3																																																																																																																				
		VALUE: \$ 7.0M																																																																																																																				
BLI NR.	474700	P-1 SHOPPING LIST																																																																																																																				
		ITEM NO. 42 - 15																																																																																																																				
		PAGE NO.																																																																																																																				
		EXHIBIT P-20A																																																																																																																				

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		TACTICAL REMOTE SENSOR EQUIPMENT (TRSS)								
		RCN: 140156								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	5	0	0	0	0	0		
COST (IN MILLIONS)	\$	13.7	0.7	0.3	0.6	3.7	0.5	0.6		
<p>Remote sensor equipment detects the presence of physical disturbances caused by movements within a pre-designated area of surveillance. Coded signals are transmitted or stored/relayed to a monitoring station. The monitoring station provides for analysis of the data to determine type, location, direction of travel, speed, number, and size of detected activity. This information is then forwarded to an intelligence center. The remote sensor equipment includes: hand and air emplaced remote sensors, transmitters, relays, data storage devices, and read-out equipment.</p> <p>This is a roll-up line of various end-items of a set that provides fully-funded units for a sustained capability to the Sensor Control Management Platoon (SCAMP) of the Marine Expeditionary Force (MEF).</p>										
<p>ACQUISITION OBJECTIVE (AO) = 26</p> <p>TRSS Basic System</p> <p>FY 93 & Prior 17 = 65% of AO</p> <p>FY 94 17 = 65% of AO</p> <p>FY 95: 22 = 85% of AO</p> <p>FY 96: 22 = 85% of AO</p> <p>FY 97: 22 = 85% of AO</p> <p>FY 1998-01: 26 = 100% of AO</p>										
<p>APPROVAL FOR SERVICE USE: FY 95 = CODE A</p>										

BLI NR. 474700

P-1 SHOPPING LIST
ITEM NO. 42 - 17

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME Tactical Remote Sensor Equipment RCN 140156		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION NAWC-AD, Indianapolis		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE			FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
Ground Sensor Set	A				5 LOT				
UGSS (Various Sensors)					3663				
AN/MSC-77 SMMS					6531				
RE-1162 Relay Assembly					2237				
AN/USQ-121 RF Monitor					693				
Thermal Imagers	B				0				102
ILS					576				216
Nonrecurring Mfg Costs									
Thermal Imagers Support Cost									
Active Cost									
Reserve Cost									
TOTAL COST					(9200)			(678)	(318)
					(4500)			(0)	(0)
					13700			678	318
BLI NR. 474700		P-1 SHOPPING LIST		ITEM NO. 42		PAGE NO. 18		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:	
APPROPRIATION/BUDGET ACTIVITY:											
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY											
P-1 ITEM NOMENCLATURE:											
TACTICAL REMOTE SENSOR EQUIPMENT											
RCN: 140156											
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL	
Ground Sensor Set	NAWC-AD Indianapolis	PO/NA	MCSYSCOM	Jul 95	Apr 96	LOT	VARIOUS	YES	NO	N/A	
FY95 Unattended Ground Sensor Set (UGSS)											
FY95 AN/USQ-121 Portable RF Monitor	NAWC-AD Indianapolis	PO/NA	MCSYSCOM	May 95	Feb 96	LOT	VARIOUS	YES	NO	N/A	
FY95 AN/MSC-77 Sensor Mobile Monitor Systems (SMMS)	NAWC-AD Indianapolis	PO/NA	MCSYSCOM	Jan 96	Jan 97	5	1.210M	YES	NO	N/A	
REMARKS: *Thermal Imagers are part of a LRIP buy. The FY 1996 procurement completes 22 TRSS systems (less Imagers). Naval Air Weapons Center - Aircraft Division, Indianapolis, IN (NAWC-ADI) is the procurement agent for the Marine Corps. For most components, NAWC-ADI orders subassemblies through various C/FFP contracts with industry, then assembles/integrates the end item in house.											
BLI NR. 474700										EXHIBIT P-5A	
ITEM NO. 42										PAGE NO. 19	

"CODE B" ITEM DESCRIPTION						DATE	
APPROPRIATION/BUDGET ACTIVITY:						P-1 ITEM NOMENCLATURE:	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY						Tactical Remote Sensor Equipment	
						RCN: 140156	
1. CURRENT DEVELOPMENT AND TEST STATUS							
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	Jan 95	N/A				
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual	N/A					
c. Operational Test & Evaluation (OT&E)	Plan/Actual	Aug 96					
d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual						
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: Sept 96							
3. EQUIPMENT ITEM(S) TO BE REPLACED:							
N/A							
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:							
N/A							
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)							
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	Through PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY	
NAMC-AD, IN	Indianapolis, IN	Thermal Imager	2.2 \$	0.035 \$	0.17 \$	0	
			\$	\$	\$	\$	
			\$	\$	\$	\$	
			\$	\$	\$	\$	
			\$	\$	\$	\$	
TOTAL RDT&E FUNDING			2.2 \$	0.035 \$	0.17 \$	0	
REMARKS: OT for TRSS Thermal Imager; this is only TRSS component that has not reached MS III yet.							
BLI NR. 474700		P-1 SHOPPING LIST		ITEM NO. 42		PAGE NO. 20	
						EXHIBIT P-19	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TRSS CORE

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 1
DEPOT MAINTENANCE FLOAT: 3
TOTAL: 4

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 6
II MARINE EXPEDITIONARY FORCE: 6
III MARINE EXPEDITIONARY FORCE: 6
SELECTED MARINE CORPS RESERVE: 3
SUPPORT ESTABLISHMENT: 1
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 22

APPROVED ACQUISITION OBJECTIVE

26

42-21

ASSET DYNAMICS		DATE:																																																																																																																				
TAMCN/DODIC F1040/Roll-Up		ITEM NAME: Tactical Remote Sensor Equipment (Ground Sensor Set)																																																																																																																				
ACQUISITION OBJECTIVE: 26		RCN: 140156																																																																																																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;"></th> <th style="width:15%;">FY 1994</th> <th style="width:15%;">FY 1995</th> <th style="width:15%;">FY 1996</th> <th style="width:15%;">FY 1997</th> </tr> </thead> <tbody> <tr> <td>ENDING INVENTORY 30 SEP 1993</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GAINS:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *FY BUDGET</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> </tr> <tr> <td> *OTHER</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td> TOTAL</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> </tr> <tr> <td>LOSSES:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *COMBAT USMC</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *COMBAT ALLIES</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *PEACETIME</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *WASHOUT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *SALES</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *OTHER</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td> TOTAL</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>NET CHANGE (+/-)</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> </tr> <tr> <td>ASSET POSITION:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *STD SERVICEABLE</td> <td>17</td> <td>22</td> <td>22</td> <td>22</td> </tr> <tr> <td> *STD UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *SUB SERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> *SUB UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>17</td> <td>22</td> <td>22</td> <td>22</td> </tr> <tr> <td>\$M VALUE</td> <td>69.0 \$</td> <td>82.7 \$</td> <td>82.7 \$</td> <td>82.7 \$</td> </tr> <tr> <td>% A/O ON HAND/FUNDED</td> <td>65 %</td> <td>85 %</td> <td>85 %</td> <td>85 %</td> </tr> </tbody> </table>					FY 1994	FY 1995	FY 1996	FY 1997	ENDING INVENTORY 30 SEP 1993					GAINS:					*FY BUDGET	0	5	0	0	*OTHER	0	0	0	0	TOTAL	0	5	0	0	LOSSES:					*COMBAT USMC					*COMBAT ALLIES					*PEACETIME					*WASHOUT					*SALES					*OTHER	0	0	0	0	TOTAL	0	0	0	0	NET CHANGE (+/-)	0	5	0	0	ASSET POSITION:					*STD SERVICEABLE	17	22	22	22	*STD UNSERVICEABLE					*SUB SERVICEABLE					*SUB UNSERVICEABLE					TOTAL	17	22	22	22	\$M VALUE	69.0 \$	82.7 \$	82.7 \$	82.7 \$	% A/O ON HAND/FUNDED	65 %	85 %	85 %	85 %
	FY 1994	FY 1995	FY 1996	FY 1997																																																																																																																		
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% A/O ON HAND/FUNDED	65 %	85 %	85 %	85 %																																																																																																																		
COMMENTS: Quantities represent completed TRSS Systems FY 1996 RECOMMENDED BUY - QUANTITY: VALUE: \$ 0.7 M FY 1997 RECOMMENDED BUY - QUANTITY: VALUE: \$ 0.3 M																																																																																																																						
BLI NR. 474700		P-1 SHOPPING LIST ITEM NO. 42 - 22 PAGE NO.																																																																																																																				
		EXHIBIT P-20A																																																																																																																				

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		Team Portable COMINT System (TPCS)								
		RCN: 145226								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
			5	0	0	0	0	0		
COST (IN MILLIONS)	\$	.012 \$	5.8 \$	0.0 \$	0.0 \$	6.7 \$	0.0 \$	0.0 \$	0.0
<p>Team Portable Communications Intelligence (COMINT) System (TPCS) is a Semi-automated, man/team transportable signals intelligence system providing intercept, radio direction finding, analysis, reporting and collection management support to the Marine Air Ground Task Force Commander. TPCS is comprised of non-developmental items (NDI) and considered extremely low risk. The first three systems are currently being produced.</p> <p>The AN/PSQ-9 TPCS will replace the AN/PRD-10 and the AN/GRR-8 as well as add new capability.</p> <p>Acquisition Objective (AO): 11</p> <p>FY 1994: 3 Systems = 27% OF AO FY 1995: 3 Systems = 27% OF AO FY 1996: 8 Systems = 72% OF AO</p> <p>APPROVAL FOR SERVICE USE FY 95 = Code A</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME TEAM PORTABLE COMMUNICATIONS INTELLIGENCE (COMINT) SYSTEM (TPCS)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
Team Portable COMINT System, AN/PSQ-9	A				5				
WJ-9605 Front Panel Unit				3,251	40		130		
WJ-8654-4 Intercept Receiver				18,310	80		1,465		
TCIM				4,152	35		145		
TOPHUNTER SYSTEM				570,093	5		2,850		
Factory Training							313		
Travel			12				107		
Integ Logistic Support							804		
TOTAL COST							5814		
BLI NR. 474700		P-1 SHOPPING LIST ITEM NO. 42		PAGE NO. 25		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										RCN: 145226
P-1 ITEM NOMENCLATURE: Team Portable COMINT System (TPCS)										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
Intercept Receiver FY96	Watkins-Johnson Gaithersburg, MD	SS/IDIQ	NSA	Jan 96	Mar 97	80	18,310	Yes	No	N/A
TCIMS FY96	SAIC San Diego, CA	C/IDIQ	PMCHS Ft Monmouth	May 96	Feb 97	35	4,152	Yes	No	N/A
TOPHUNTER SYSTEM FY96	Harris Corp. Melbourne, FL	C/FPI	NSA	Mar 96	Jun 97	5	570,093	Yes	No	N/A
MJ-9605 FRONT PANEL UNIT	Watkins-Johnson Gaithersburg, MD	SS/IDIQ	NSA	Jan 96	Mar 97	40	3,215	Yes	No	N/A
REMARKS: PMSW = Program Manager, Signals Warfare (US Army) USASWC = US Army Signals Warfare Center NSA = National Security Agency, Ft. Meade, MD VHFS = Vint Hill Farms Station, Warrenton, VA										

BLI NR. 474700

P-1 SHOPPING LIST
ITEM NO. 42
PAGE NO. 26

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TPCS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 1
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 1

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 5
II MARINE EXPEDITIONARY FORCE: 4
III MARINE EXPEDITIONARY FORCE: 0
SELECTED MARINE CORPS RESERVE: 0
SUPPORT ESTABLISHMENT: 1
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 10

APPROVED ACQUISITION OBJECTIVE

11

42-27

ASSET DYNAMICS		DATE:			
TAMCN/DODIC: A		ITEM NAME: Team Portable COMINT System (TPCS)			
ACQUISITION OBJECTIVE: 11		RCN: 145226			
ENDING INVENTORY 30 SEP 1993		FY 1994	FY 1995	FY 1996	FY 1997
GAINS:					
*FY BUDGET		3	0	5	0
*OTHER		0	0	0	0
TOTAL		3	0	5	0
LOSSES:					
*COMBAT USMC					
*COMBAT ALLIES					
*PEACETIME					
*WASHOUT					
*SALES					
*OTHER					
TOTAL		0	0	0	0
NET CHANGE (+/-)		3	0	5	0
ASSET POSITION:					
*STD SERVICEABLE		3	3	8	8
*STD UNSERVICEABLE					
*SUB SERVICEABLE					
*SUB UNSERVICEABLE					
TOTAL		3	3	8	8
\$M VALUE		\$ 8.7	\$ 8.7	\$ 14.5	\$ 14.5
% A/O ON HAND/FUNDED		27 %	27 %	73 %	73 %
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY: 5			
FY94 PMC PROCURED 32 OF REQUIRED 44 DF SUBSYSTEMS FOR		VALUE: \$ 5.8 M			
THE TPCS. ACCOUNTS FOR APPARENT "SCEW" IN NUMBER OF		FY 1997 RECOMMENDED BUY - QUANTITY:			
SYSTEMS VS. TOTAL COST PER YEAR		VALUE: \$ 0 M			
BLI NR. 474700		P-1 SHOPPING LIST		EXHIBIT P-20A	
		ITEM NO. 42		PAGE NO. 28	

BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

P-1 ITEM NOMENCLATURE:

TROJAN SPIRIT II

RCN: 140746

QUANTITY	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
	0	0	0	0	0	0	0
COST (IN MILLIONS)	\$ 0.056	\$ 6.9	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

TROJAN SPECIAL PURPOSE INTEGRATED REMOTE INTELLIGENCE TERMINAL (SPIRIT) II will provide the MAGTF commander with a mobile, high-throughput, secure, dedicated intelligence satellite communications system which will provide direct, near-real-time connectivity to national agencies via the US Army's TROJAN Switching Center at Fort Belvoir, VA. TROJAN SPIRIT II will utilize commercial satellites to exchange bulk data, voice and imagery products between deployed Marine forces and theater or CONUS-based agencies.

TROJAN SPIRIT II consists of two HMMWV-mounted shelters and a single, towed antenna trailer. The Primary HMMWV Shelter (PHS) contains voice and data processing equipment, modulation equipment, RF electronics and an under-the-hood power generator. The Spare Equipment and Maintenance (SEM) vehicle shall provide maintenance facility workspace and a storage area for communications spare capabilities in support of the TROJAN SPIRIT II. The Power Generation Equipment and Mobile Antenna Platform (MAP) will reside in a single High Mobility Trailer, and will be towed by either the PHS or SEM.

Acquisition Objective: 6

FY 1996: 4 = 67 % OF AO

Approval for Service Use: Code B

BLI NR. 474700

P-1 SHOPPING LIST
ITEM NO. 42 - PAGE NO. 30

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME TROJAN SPIRIT II		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Electrospace Systems Richardson, TX		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
TROJAN SPIRIT II	B			1,271,837	4		5087		
Switch Center Equipment				40,000	4		160		
Spares Package				350,000	4		1400		
ILS							232		
Travel									
TOTAL COST							6879		

P-1 SHOPPING LIST
 ITEM NO. 42
 PAGE NO. 31

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
4										RCN: 140746
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
TROJAN SPIRIT II FY 96	Electrospace Systems, Inc. Richardson, TX	C/FFP	US Army - VHFS	Feb 96	Feb 97	4	1,271,837	YES	NO	N/A
REMARKS:										

BLI NR. 474700	P-1 SHOPPING LIST		EXHIBIT P-5A
	ITEM NO. 42	PAGE NO. 32	

"CODE B" ITEM DESCRIPTION		DATE				
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: TROJAN SPIRIT II RCN: 140746				
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E) c. Operational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual Plan/Actual Plan/Actual Plan/Actual	NDI APR 93 FEB 94 JUN 93				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: AUG 95 (ARMY MS IIB, MAY 94)						
3. EQUIPMENT ITEM(S) TO BE REPLACED: NONE						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: N/A						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	Thru PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
ELECTROSPACE SYSTEMS, INC	Richardson, TX		1.8 \$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
TOTAL RDT&E FUNDING			1.8 \$	0	0	0
REMARKS:						
BLI NR. 474700		P-1 SHOPPING LIST		ITEM NO. 42		PAGE NO. 33
						EXHIBIT P-19

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TROJAN SPIRIT II

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 0

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 2
II MARINE EXPEDITIONARY FORCE: 2
III MARINE EXPEDITIONARY FORCE: 2
SELECTED MARINE CORPS RESERVE: 0
SUPPORT ESTABLISHMENT: 0
NORWAY AIR LANDED BRIDGADE: 0
TOTAL: 6

APPROVED ACQUISITION OBJECTIVE

6

42-34

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:		ITEM NAME: TROJAN SPIRIT II	
ACQUISITION OBJECTIVE:		RCN: 140746	
ENDING INVENTORY 30 SEP 1993		FY 1994	FY 1995
GAINS:			
*FY BUDGET			
*OTHER			
TOTAL			
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL			
NET CHANGE (+/-)			
ASSET POSITION:			
*STD SERVICEABLE			
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL			
\$M VALUE			
% A/O ON HAND/FUNDED			
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY: 4	
		VALUE: \$ 6.9 M	
		FY 1997 RECOMMENDED BUY - QUANTITY: M	
		VALUE: \$ M	
BLI NR. 474700		EXHIBIT P-20A	
P-1 SHOPPING LIST		PAGE NO.	
ITEM NO. 42		35	

[illegible]

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		INTELLIGENCE ANALYSIS SYSTEM (MEF) (TCAC)								
		RCN: 141044								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	4	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	
<p>NARRATIVE: MEF IAS (TCAC) consists of two HMMWV-mounted shelters per system. Each shelter contains a ruggedized file server, communications server, communications interfaces (modems, crypto), radios (UHF, VHF, HF, UHF SATCOM), and peripherals (CD ROM, tape drives, hard disk drives, laser and color printers). The shelters will be connected to four workstations on a LAN.</p> <p>MEF IAS (TCAC) AO = 5 FY 1997: 4 - 80% OF A/O</p> <p>Approval for Service Use: FY 96 = Code B.</p>										

BLI NR. 474700

P-1 SHOPPING LIST
 ITEM NO. 42
 PAGE NO. 37

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME INTELLIGENCE ANALYSIS SYSTEM (MEF) (TCAC) RCN: 141044		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Vitro Corp., Oxnard, CA		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
MEF IAS (TCAC)							2745 4		
ADP Server Set							60 8		
Workstations							40 40		480
Computer Peripherals							58 4		1,600
Support Items (Tent, ECU)							43 4		232
Software & Licenses							386 Lot		172
Installation/Assembly							750 4		386
Engineering Support							450 4		3000
ECP Implementation							450 4		1800
Communications Equipment							378 4		1800
									1512
TOTAL COST									10982
BLI NR. 474700									

P-1 SHOPPING LIST
ITEM NO. 42
PAGE NO. 38

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
INTELLIGENCE ANALYSIS SYSTEM (MEF) (TCAC)										
RCN: 141044										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
FY 97										
MEF IAS/TCAC	Vitro Corp. Oxnard, CA.	CPFF-O	USN NSCC, Long Beach, CA.	Oct 96	Apr 97	4	Various	YES	NO	N/A
ADP Server Set Workstations Computer Peripherals Support Items (Tent, ECU) Software & License Installation/Assembly Engineering Support ECP Implementation Communications Equipment										
REMARKS:										
BLI NR. 474700										EXHIBIT P-5A
P-1 SHOPPING LIST										
ITEM NO. 42										
PAGE NO. 39										

"CODE B" ITEM DESCRIPTION		DATE			
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4		P-1 ITEM NOMENCLATURE: INTELLIGENCE ANALYSIS SYSTEM (MEF) (TCAC) RCN: 141044			
1. CURRENT DEVELOPMENT AND TEST STATUS					
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	QUALITY CONTROL PROBLEMS WITH EQUIPMENT			
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual				
c. Operational Test & Evaluation (OT&E)	Plan/Actual				
d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: JUNE 96					
3. EQUIPMENT ITEM(S) TO BE REPLACED:					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:					
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)					
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	CY (FY1995)	BY (FY1996)	BEYOND BY
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
TOTAL RDT&E FUNDING			0	0	0
REMARKS:					
BLI NR. 474700		P-1 SHOPPING LIST ITEM NO. 42		PAGE NO. 40 EXHIBIT P-19	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TCAC

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 1
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 1

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 2
II MARINE EXPEDITIONARY FORCE: 2
III MARINE EXPEDITIONARY FORCE: 0
SELECTED MARINE CORPS RESERVE: 0
SUPPORT ESTABLISHMENT: 0
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 4

APPROVED ACQUISITION OBJECTIVE

5

42-41

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:		ITEM NAME: INTELLIGENCE ANALYSIS SYSTEMS (MEF) (TCAC)	
ACQUISITION OBJECTIVE:		RCN: 141044	
ENDING INVENTORY		FY 1994	FY 1995
30 SEP 1993			
TBD			
5			
GAINS:			FY 1997
*FY BUDGET			4
*OTHER			4
TOTAL		0	0
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER		0	0
TOTAL		0	0
NET CHANGE (+/-)			4
ASSET POSITION:			
*STD SERVICEABLE			4
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL		0	4
\$M VALUE		\$	11.0
% A/O ON HAND/FUNDED		0 %	80 %
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY: VALUE: \$ 0 M	
		FY 1997 RECOMMENDED BUY - QUANTITY: VALUE: \$ 4 11.0M	
BLI NR. 474700		P-1 SHOPPING LIST	
		ITEM NO. 42	
		PAGE NO. 42	
		EXHIBIT P-20A	

BUDGET ACTIVITY: PROCUREMENT MARINE CORPS/BUDGET ACTIVITY: 4				P-1 ITEM NOMENCLATURE: INTELLIGENCE ANALYSIS SYSTEM (MEP) (TCAC)												RCN 141044											
PROGRAM QUANTITY				FISCAL YEAR: 95				FISCAL YEAR: 96				FISCAL YEAR: 97				CALENDAR YEAR: 97											
ACC BAL DUE				CYL 94				CYL 95				CYL 96				CYL 97											
PRIOR TO AS OF				OCT 94				OCT 95				OCT 96				OCT 97											
FY FY FY				95 96 97 98 99				95 96 97 98 99				95 96 97 98 99				95 96 97 98 99											
U/M R V				EA M				EA M				EA M				EA M											
MEP IAS/TCAC				0 4				0 4				0 4				0 4											
TOTAL				0 4				0 4				0 4				0 4											

MANUFACTURER'S NAME & LOCATION		REACHED	
VITRO CORP., ORLAND, CA.		D+	
BLI NR. 4/4/00		P-1 SHOPPING LIST	
42		PAGE NO.	
43		42	
REMARKS:		EXHIBIT P-21	

APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		DATE				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		4		COMMANDERS TACTICAL TERMINAL (CTT)				
		RCN: 140736						
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
		0	26					
COST (IN MILLIONS)		0.0 \$	12.4	1.0 \$	5.4 \$	1.0	0.0 \$	0.0
<p>The CTT comes in two variations, the HYBRID Three-Channel (CTT/H3), AN/USC-55 and the HYBRID Receive Only Three-Channel. These Tactical Intelligence Disseminations Systems receive, decrypt, and process real-time intelligence reports received simultaneously from multiple sources. This will provide near real-time intelligence data to the command, control, and (C2I) elements of the Marine Air Ground Task Force (MAGTF). In addition, the CTT/H3 provides full duplex data and handles communications with an anti-jam capability between the guardrail intelligence processing facility and tactical units. The CTT/H3 systems are being procured by the U.S. Army (PM JSTARS) via a contract with E-Systems. The CTT provides the Marine Corps with a multiservice intelligence dissemination interoperability into the next century meeting criteria by the multi-service intelligence dissemination architecture panel.</p> <p>ACQUISITION OBJECTIVE (AO): 53</p> <p>FY 97: 26 = 49% OF A/O</p>								

BLI NR. 474700

P-1 SHOPPING LIST
 ITEM NO. 42
 PAGE NO. 44

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME COMMANDERS TACTICAL TERMINAL		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION E-SYSTEMS, ST. PETERSBURG, FL.		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
COMMANDERS TACTICAL TERMINAL (CTT)	B			347,415	26		9,033		
MC SHARE OF JOINT PROGRAM OFFICE							1,500		
ANCILLARY EQUIPMENT							1,903		
RECEIVERS									960
TOTAL COST							12436		960
BLI NR. 474700		P-1 SHOPPING LIST ITEM NO. 42		PAGE NO. 48		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
COMMANDERS TACTICAL TERMINAL (CTT)										
										RCN: 140736
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
FY96 COMMANDERS' TACTICAL TERMINAL (CTT)	E-SYSTEMS, ECI DIV. ST. PETERSBURG, FL.	FFP	U.S. ARMY	MAR 96	MAR 97	26	347,415	YES	NO	N/A
REMARKS:										
BLI NR. 474700										
P-1 SHOPPING LIST										
ITEM NO. 42										
PAGE NO. 46										
EXHIBIT P-5A										

"CODE B" ITEM DESCRIPTION		DATE																									
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4		P-1 ITEM NOMENCLATURE: COMMANDERS TACTICAL TERMINAL (CTT) RCN: 140736																									
1. CURRENT DEVELOPMENT AND TEST STATUS																											
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E) c. Operational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP) or Performance Specifications		Plan/Actual Plan/Actual Plan/Actual Plan/Actual	USMC OT&E NO LONGER PLANNED: Will be tested subsequent of USMC systems, i.e. TERPES, IAS (TCAC), TAOC AND ATACC.																								
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:		WILL USE ARMY MS III/APR 96																									
3. EQUIPMENT ITEM(S) TO BE REPLACED:		NONE																									
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: N/A																											
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)																											
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	<table border="1"> <thead> <tr> <th>CY (FY-1)</th> <th>BY (FY0)</th> <th>BEYOND BY</th> </tr> </thead> <tbody> <tr><td>\$</td><td>\$</td><td>\$</td></tr> <tr><td>\$</td><td>\$</td><td>\$</td></tr> <tr><td>\$</td><td>\$</td><td>\$</td></tr> <tr><td>\$</td><td>\$</td><td>\$</td></tr> <tr><td>\$</td><td>\$</td><td>\$</td></tr> <tr><td>\$</td><td>\$</td><td>\$</td></tr> <tr><td>\$</td><td>\$</td><td>\$</td></tr> </tbody> </table>	CY (FY-1)	BY (FY0)	BEYOND BY	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
CY (FY-1)	BY (FY0)	BEYOND BY																									
\$	\$	\$																									
\$	\$	\$																									
\$	\$	\$																									
\$	\$	\$																									
\$	\$	\$																									
\$	\$	\$																									
\$	\$	\$																									
TOTAL RDT&E FUNDING																											
REMARKS:																											
PROCUREMENT DECISION SIGNED ON 29FEB96.																											
BLI NR. 474700		P-1 SHOPPING LIST ITEM NO. 42 PAGE NO. 47																									
		EXHIBIT P-19																									

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: COMMANDER'S TACTICAL TERMINAL (CTT)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 0

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 16
II MARINE EXPEDITIONARY FORCE: 20
III MARINE EXPEDITIONARY FORCE: 9
SELECTED MARINE CORPS RESERVE: 2
SUPPORT ESTABLISHMENT: 6
NORWAY AIR LANDED BRIDGAGE: 0
TOTAL: 53

APPROVED ACQUISITION OBJECTIVE

53

42-48

ASSET DYNAMICS		DATE:	
ITEM NAME: COMMANDERS TACTICAL TERMINAL (CTT)		RCN: 104736	
TAMCN/DODIC:		TBD	
ACQUISITION OBJECTIVE: 53			
ENDING INVENTORY			
30 SEP 1993			
GAINS:			
*FY BUDGET			
*OTHER			
TOTAL			
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL			
ASSET DYNAMICS			
ASSET POSITION:			
*STD SERVICEABLE			
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL			
\$M VALUE			
% A/O ON HAND/FUNDED			
COMMENTS:			
FY 1996 RECOMMENDED BUY - QUANTITY:			
VALUE:			
FY 1997 RECOMMENDED BUY - QUANTITY:			
VALUE:			

BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

P-1 ITEM NOMENCLATURE: JOINT SURVEILLANCE TARGET ATTACK RADAR SYSTEM (JSTARS)

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

RCN: 148239

QUANTITY	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
	0	0	0	0	0	0	0
COST (IN MILLIONS)	\$ 0.0	\$ 16.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

The Joint Surveillance Target Attack Radar System (JSTARS) provides near real time targeting data in the form of moving target indicator and synthetic aperture radar (SAR) imagery. JSTARS Common Ground Station (CGS) provides JSTARS imagery reception, processing and connectivity to other CGSs, UAV systems, TACFIRE, AFATDS, Army all Source Analysis System (ASAS) and Trojan Spirit, and ensures MAGTF connectivity and commonality with USA and USAF.

Total AO is to be determined. At a minimum, two JSTARS CGSs will be procured and fielded in accordance with Congress' direction (see report 104-261).

BLI NR. 474700

P-1 SHOPPING LIST
ITEM NO. 42
PAGE NO. 51

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME JSTARS		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Motorola, Scottsdale, AZ		D. DATE			
WEAPON SYSTEM COST ELEMENTS		IDENT. CODE		RCN: 148239		FY 1995		FY 1996		FY 1997	
				UNIT COST		QTY TOTAL COST		UNIT COST		QTY TOTAL COST	
JSTARS CGSs						7,250		2		14,500	
CGS System Support								1,917			
TOTAL COST										16,417	
BLI NR. 474700											

P-1 SHOPPING LIST
 ITEM NO. 42
 PAGE NO. 52

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										JSTARS
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										RCN: 148239
P-1 ITEM NOMENCLATURE:										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
JSTARS 96	Motorola, Scottsdale, AZ	FFP	PM JSTARS Fort Monmouth NJ	May 96	June 98	2	7,250	Yes	No	N/A
REMARKS:										

BLI NR. 474700	P-1 SHOPPING LIST	EXHIBIT P-5A
ITEM NO. 42	PAGE NO. 53	

"CODE B" ITEM DESCRIPTION		DATE
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: JSTARS RCN: 148239
1. CURRENT DEVELOPMENT AND TEST STATUS		
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual	N/A
c. Operational Test & Evaluation (OT&E)	Plan/Actual	N/A
d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual	N/A
		User evaluations ongoing, including deployment to the Balkins.
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:		SCHEDULE DATE
MS II LRIP MAR 95		REASON FOR DELAY
3. EQUIPMENT ITEM(S) TO BE REPLACED:		
NONE		
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:		
N/A		
5. DEVELOPMENT CONTRACT INFORMATION (RTD&E Funding Profile - \$ in Millions)		
CONTRACTOR NAME	PLANT LOCATION	CY (FY-1)
MOTOROLA	SCOTTSDALE, AZ.	BY (FY0)
		BEYOND BY
		\$
		\$
		\$
		\$
		\$
TOTAL RTD&E FUNDING		\$ 0 \$
REMARKS:		
JSTARS is a new capability for the Marine Corps. Some RTD&E will be required.		
BLI NR. 474700	P-1 SHOPPING LIST	
	ITEM NO. 42	PAGE NO. 54
		EXHIBIT P-19

ASSET DYNAMICS					DATE:
TAMCN/DODIC:	ITEM NAME: JSTARS				
ACQUISITION OBJECTIVE: 2	RCN: 148239				

	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
GAINS:					
*FY BUDGET					
*OTHER		0	0	2	0
TOTAL					
LOSSES:					
*COMBAT USMC					
*COMBAT ALLIES					
*PEACETIME					
*WASHOUT					
*SALES					
*OTHER		0	0	0	0
TOTAL					
NET CHANGE (+/-)		0	0	2	0
ASSET POSITION:					
*STD SERVICEABLE					
*STD UNSERVICEABLE					
*SUB SERVICEABLE					
*SUB UNSERVICEABLE					
TOTAL	0	0	0	2	2
\$M VALUE	\$	\$	\$	\$ 16.4	\$ 16.4
% A/O ON HAND/FUNDED	0.0 %	0.0 %	0.0 %	100 %	100 %

COMMENTS:	FY 1996 RECOMMENDED BUY-QUANTITY :			
	VALUE: \$ 16.4 M			
	FY 1997 RECOMMENDED BUY - QUANTITY:			
	VALUE: \$ M			

BLI NR. 474700	P-1 SHOPPING LIST	EXHIBIT P-20A
ITEM NO. 42	PAGE NO. 51	

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MODIFICATION KITS (INTEL)								
		RCN: 148239								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.1 \$	0.9 \$	12.0 \$	14.0 \$	15.9 \$	22.3 \$	20.4		
<p>Modifications programmed and budgeted under this line are for the purpose of correcting equipment deficiencies noted after new items are fielded, or to increase operational capabilities of end items previously fielded.</p> <p>The funding profile supports modifications to the following intelligence systems:</p> <p>Intelligence Analysis System MOD</p> <p>Mobile Electronic Warfare Support System (AN/MLQ-36) PIP</p> <p>All items are code A</p>										
MOD	INSTALLING AGENT	INSTALLATION		END ITEM						
IAS MOD				IAS MOD						
MEMORY DATA STORAGE	FIELD/NSWC, CRANE, IN	BEGIN: OCT 95	BEGIN: OCT 96	BEGIN: OCT 97	BEGIN: OCT 98	BEGIN: OCT 99	BEGIN: OCT 00	BEGIN: OCT 01		
		END: DEC 95	END: DEC 96	END: DEC 97	END: DEC 98	END: DEC 99	END: DEC 00	END: DEC 01		
MEWSS-PIP	UNKNOWN	BEGIN: JUL 98	BEGIN: JUL 99	BEGIN: JUL 00	BEGIN: JUL 01	BEGIN: JUL 02	BEGIN: JUL 03	BEGIN: JUL 04		
		END: JUL 98	END: JUL 99	END: JUL 00	END: JUL 01	END: JUL 02	END: JUL 03	END: JUL 04		

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: MODIFICATION KITS (INTEL)
4		RCN: 148239

MODELS OF SYSTEMS AFFECTED: INTELLIGENCE EQUIPMENT	(\$ IN MILLIONS)		
MODIFICATION TITLE	FY 1995	FY 1996	FY 1997
INTELLIGENCE ANALYSIS SYSTEMS MOD	0.120	0.924	0.817
AN/MLQ 36 (A) MEWSS			11.138
TOTAL	0.120	0.924	11.955

BLI NR. 474900	P-1 SHOPPING LIST ITEM NO. 43 - PAGE NO. 2
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EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MODIFICATION KITS (INTEL) (RCN 148239)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
INTELLIGENCE ANALYSIS SYSTEM MOD	A		LOT 120				LOT 924		LOT 817
AN/MLQ 36 (A) (MEWSS)	A								2 11,138
Initial Spares					(229)		(731)		(992)
TOTAL COST			120				924		11,955
BLI NR. 474900		P-1 SHOPPING LIST ITEM NO. 43		PAGE NO. 3		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:	
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE: MODIFICATION KITS (INTEL)	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										RCN: 148239	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL.	
IAS MOD											
FY 95	CISCI RALEIGH, NC	OPTION	MCSC/NWSC MCTSSA	JUL95	SEP 95	LOT	120*	YES	NO	N/A	
FY 96	HEWLETT PACKARD CA	OPTION	MCSC/NWSC MCTSSA	MAR 96	SEP 96	LOT	924*	YES	NO	N/A	
FY 97	UNKNOWN	UNKNOWN	MCSC/NWSC MCTSSA	JAN 97	MAR 97	LOT	817*	YES	NO	N/A	
MEWSS AN/MLQ 36 (A)											
FY 97	UNKNOWN	FFP/ COSTED OPT	PMSW VINT HILL FARM	JAN 97	JUL 98	2	5569	YES	NO	N/A	
REMARKS: * ALL UNIT COSTS ARE TOTAL COST.											
BLI NR. 474900										P-1 SHOPPING LIST	
										ITEM NO. 43	
										PAGE NO. 4	
EXHIBIT P-5A											

APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		DATE	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY BA-4		ALL MOBILE ELECTRONIC WARFARE SUPPORT SYSTEM (AN/MLQ 36) (MEWSS)		MOD KITS INTEL RCN: 143466	
CURRENT DEVELOPMENT AND TEST STATUS		CURRENT	LAST REPORTED	SCHEDULE DATE	
				REASON FOR DELAY	
1.		SEP 1995	N/A		
a. Developmental Test & Evaluation (DT&E) Plan/Actual		JUN 1996	N/A		
b. Initial Operational Test & Evaluation (IOT&E) Plan/Actual		JUN 1997	N/A		
c. Operational Test & Evaluation (OT&E) Plan/Actual		AUG 1996			
d. Available Date of Technical Data Package (TDP) Plan/Actual or Performance Specifications					
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:					
3. EQUIPMENT ITEM(S) TO BE REPLACED:					
AN/ULQ-19 AN/GRC-213					
AN/PRD-10					
MJ-8618B					
RT-524A					
RT-246					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:					
THE CURRENT AN/MLQ-36 MEWSS SIGNALS INTELLIGENCE AND ELECTRONIC ATTACK IS LIMITED TO VHF FREQUENCY SPECTRUM AND CAN TARGET ONLY SINGLE CHANNEL SIGNALS. THE MEWSS PIP WILL INTERCEPT, DEMODULATE, LOCATE AND JAM MODERN TACTICAL COMMUNICATIONS (FREQ HOPPER RADIO). THERE IS NO OTHER SYSTEM WITH THE USMC THAT WILL MEET THIS REQUIREMENT.					
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)					
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	CY (FY1995)	BY (FY1996)	BEYOND BY
ELECTROSPACE INC. (ESI)	RICHARDSON, TX	SYSTEM INTEGRATION	\$ 7.8	\$ 0	\$ 25.4
TOTAL RDT&E FUNDING			\$ 7.8	\$ 0	\$ 25.4
REMARKS: THE MEWSS PIP IS FULLY FUNDED. APPROXIMATELY 80% RDT&E IS PROVIDED BY NSA DEFENSE CRYPTOLOGIC FUNDS.					
BLI NR. 474900		P-1 SHOPPING LIST		EXHIBIT P-19	
		ITEM NO. -	PAGE NO.		
		43			

43-6

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits)
 (FY 1996) Eqpt (LOT Kits)
 (FY 1997) Eqpt (LOT Kits)
 (FY 1998) Eqpt (LOT Kits)
 (FY 1999) Eqpt (LOT Kits)
 (FY 2000) Eqpt (LOT Kits)
 (TO COMP) Eqpt (LOT Kits)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
	Lot 0.011	LOT 0.012	LOT 0.160	LOT 0.181	LOT 0.075	LOT 0.175	0 0.000
							0 0.000
							0 0.011
							0 0.012
							0 0.160
							0 0.181
							0 0.075
							0 0.175
0.000 LOT	0.011 LOT	0.012 LOT	0.160 LOT	0.181 LOT	0.075 LOT	0.175	0 0.614
0.120 LOT	0.924 LOT	0.817 LOT	1.232 LOT	1.375 LOT	0.910 LOT	0.920	0 6.298

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION Contractor/field

ADMIN LEAD-TIME: 5 MONTHS PRODUCTION LEAD-TIME: 6 MONTHS

CONTRACT DATES:

FY 1996 MAR 96 FY 1997 JAN 97

DELIVERY DATES:

FY 1996 SEP 96 FY 1997 MAR 97

INPUT

LOT LOT LOT LOT LOT LOT LOT LOT LOT LOT

OUTPUT

LOT LOT LOT LOT LOT LOT LOT LOT LOT LOT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

43-7

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: AN/MLQ 36(A) (MEWSS) PIP

MODELS OF SYSTEMS AFFECTED: ALL MOBILE ELECTRONIC WARFARE SUPPORT SYSTEM (AN/MLQ 36)

DESCRIPTION/JUSTIFICATION: MEWSS PIP is an electronic warfare suite of equipment configured in the highly mobile, survivable Light Armored Vehicle (LAV). This program develops a material change for the current, outdated Electronic Warfare (EW) suite. Threat tactical communications have advanced to complex, modulations requiring computer-intensive, open architecture solutions. MEWSS fulfills the requirement to provide responsive EW support to maneuver commanders, enhanced the ability to defeat the enemy by isolating and suppressing opposing fire control and command and control nets at a critical point of time in the battle. MEWSS PIP will provide detection, location, demodulation of advanced tactical communications. MEWSS PIP incorporates Army Intelligence and Electronic Warfare Common Sensor (IEWCS) electronics.

MAJOR DEVELOPMENT MILESTONES: Phase II Engineering Development Model (EDM). MS IIA Low Rate Initial Production 2nd Qtr96. MS III 1st Qtr97.

FINANCIAL PLAN: (\$ in Millions)

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
RD&E								
PROCUREMENT								
Kit Quantity			2	2	2	3		0 0.000
Installation Kits								0
Install. Kits Nonrecurring								0.000
Equipment								0.000
Equipment Nonrecurring								0.000
Engineering Change Orders			9.638	10.667	11.509	16.612	16.601	65.027
Data								0.000
Training Support								0.000
Support Equipment								0.000
Other								0.000
Interim Contractor Support								0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

43-8

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits)
 (FY 1996) Eqpt (Kits)
 (FY 1997) Eqpt (2 Kits)
 (FY 1998) Eqpt (2 Kits)
 (FY 1999) Eqpt (2 Kits)
 (FY 2000) Eqpt (3 Kits)
 (TO COMP) Eqpt (3 Kits)

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION: CONTRACTOR

CONTRACT DATES:

DELIVERY DATES:

INSTALLING SCHEDULE:

INPUT

OUTPUT

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
0 0.000	0 0.000	2 1.500	2 1.500	2 1.500	3 2.250	3 2.250	10 9.000
0.000	0.000	11.138	12.167	13.009	18.862	18.851	74.027

ADMIN LEAD-TIME: 3 MONTHS

PRODUCTION LEAD-TIME: 18 MONTHS

FY 1996 FY 1997 JAN 97

FY 1996 FY 1997 JUL 98

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

2	2	2	2	2	2
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43-9

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P-1 SHOPPING LIST

ITEM NO.

PAGE NO.

43 . 10

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/BUDGET ACTIVITY: 4 DATE: _____

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY: 4 P-1 ITEM NOMENCLATURE: ITEMS LESS THAN \$2 MILLION (INTEL) RCN: 145246

QUANTITY	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
	0	0	0	0	0	0	0

COST (IN MILLIONS)	\$	1.0	\$	1.7	\$	0.0	\$	0.7	\$	0.0	\$	1.8	\$	0.0
--------------------	----	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	-----

This is a roll-up line which consists of:

Tactical Surveillance Countermeasures (TSCM) - A suite of equipment which provides the Marine Corps Counterintelligence Teams (CIT) with an updated capability to detect clandestine surveillance devices ("bugs") employed by hostile intelligence organizations in a garrison and/or combat environment.

Digital Terrain Analysis Mapping System (DTAMS) - Provides the Topographic Platoons with a portable means to exploit Defense Mapping Agency (DMA) digital mapping products in support of the Marine Air Ground Task Force (MAGTF) and the Photo Interpretation Set.

BLI NR. 475100

P-1 SHOPPING LIST
ITEM NO. 44 - 1 PAGE NO. _____

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (INTEL) (RCN 145246)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
Technical Surveillance Countermeasures (TSCM)	A	500,000	1	500	500,000		1,500		
Contractor Support				24			219		
Program Support				10					
Training									
Travel									
Digital Terrain Analysis Mapping System	A	62,000	2	124					
Initial Factory Training Program Support				387					
Initial Spares				(61)					
TOTAL COST				1045			1,719		
BLI NR. 475100		P-1 SHOPPING LIST		ITEM NO. 44		PAGE NO. 2		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
ITEMS LESS THAN 2 MILLION (INTEL)										
RCN: (145246)										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
Technical Surveillance Countermeasures (TSCM) FY95	VARIOUS	C/FFP	SAF/FMBMB, AF, PENTAGON WASH, DC	Mar 95	Aug 95	1	500,000	YES	NO	N/A
FY96	VARIOUS	C/FFP	SAF/FMBMB, AF, PENTAGON WASH, DC	MAY 96	NOV 96	3	500,000	YES	NO	N/A
Digital Terrain Analysis Mapping System / FY95	VARIOUS	C/FFP	MCSYSCOM	Mar 95	Jun 95	2	62,000	YES	NO	N/A
REMARKS:										

BLI NR. 475100	P-1 SHOPPING LIST		EXHIBIT P-5A
	ITEM NO.	PAGE NO.	
	44	3	

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:							
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY			ELECTRONIC TMDE REPAIR FACILITY							
			RCN: 140247							
QUANTITY			FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
			4	0	0	0	0	0	0	0
COST (IN MILLIONS)	\$		0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THE ELECTRONIC TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT REPAIR FACILITY (ETMDRF) CONSISTS OF A SERIES OF WORK STATIONS CONFIGURED TO PROVIDE REPAIR CAPABILITY IN THE FOLLOWING FUNCTIONAL AREAS: AUTOMOTIVE TMDE, ELECTRONIC FREQUENCY COUNTERS (TIME MEASUREMENTS), HIGH POWER RADIO FREQUENCY TMDE, OSCILLOSCOPES, MULTIMETERS, SMALL MISSILE TMDE, MICROPROCESSOR BASED TMDE, AND SOME CALIBRATION STANDARDS.										
ACQUISITION OBJECTIVE (A/O): 14										
FY 1994 & PRIOR 10 = 71% OF A/O FY 1995 14 = 100% OF A/O										
ALL ITEMS ARE CODE A										

BLI NR. 481000

P-1 SHOPPING LIST
 ITEM NO. 45 PAGE NO. 4

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME ELECTRONIC TMDE REPAIR FACILITY (RCN140247)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	UNIT COST	QTY TOTAL COST	FY 1995 UNIT COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST	
ELECTRONIC TMDE REPAIR FACILITY	A			177000		4	708		
TOTAL COST							708	0	0

P-1 SHOPPING LIST
 ITEM NO. 45 - 5

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE: ELECTRONIC TMDE REPAIR FACILITY					RCN: 140247
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
ELECTRONIC TMDE REPAIR FACILITY FY95	VARIOUS	PO/FFP	BARSTOW	DEC 94	SEP 95	4	177,000	YES	NO	N/A
REMARKS: REVISED A/O WAS COMPLETED IN FY95. REMAINING FUNDS WILL BE USED TO PROCURE SMALL QUANTITIES OF TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT SUCH AS SAMPLING OSCILLOSCOPES, OPTICAL MULTIMETERS, AND THERMOCOILIMATORS. FY95 ALSO REFLECTS INCREASED DEPOT MAINTENANCE RATE CHANGES.										
BLI NR. 481000					P-1 SHOPPING LIST					
					EXHIBIT P-5A					
					ITEM NO. 45					
					PAGE NO. 6					

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: ELECTRONIC TMDE REPAIR FACILITY

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 0

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 4
II MARINE EXPEDITIONARY FORCE: 3
III MARINE EXPEDITIONARY FORCE: 3
SELECTED MARINE CORPS RESERVE: 1
SUPPORT ESTABLISHMENT: 3
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 14

APPROVED ACQUISITION OBJECTIVE

14

45-7

ASSET DYNAMICS		DATE:	
ITEM NAME: ELECTRONIC TMDE REPAIR FACILITY (ETMDERF)		RCN: 140247	
TAMCN/DODIC: A06187		FY 1994	
ACQUISITION OBJECTIVE: 14		FY 1995	
ENDING INVENTORY		FY 1996	
30 SEP 1993		FY 1997	
GAINS:			
*FY BUDGET	4	4	
*OTHER	0	0	
TOTAL	4	0	0
LOSSES:			
*COMBAT USMC	0		
*COMBAT ALLIES			
*PEACETIME	0		
*WASHOUT	0		
*SALES	0		
*OTHER	0	0	0
TOTAL	4	0	0
NET CHANGE (+/-)		4	0
ASSET POSITION:			
*STD SERVICEABLE	6	14	14
*STD UNSERVICEABLE	0	0	
*SUB SERVICEABLE	0	0	
*SUB UNSERVICEABLE	0	0	
TOTAL	6	14	14
\$M VALUE	0.8	2.0	2.0
% A/O ON HAND/FUNDED	43 %	100 %	100 %
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY: 0	
		VALUE: \$ 0 M	
		FY 1997 RECOMMENDED BUY - QUANTITY: 0	
		VALUE: \$ 0 M	
BLI NR. 481000		P-1 SHOPPING LIST	
ITEM NO. 45		PAGE NO. 8	
		EXHIBIT P-20A	

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		GENERAL PURPOSE MECHANICAL TMDE								
		RCN: 140947								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
COST (IN MILLIONS)	\$	1.0	3.0	3.0	3.8	3.8	4.0	4.1		
<p>This is a composite line which consists of several general purpose mechanical test equipment items and tool sets & kits.</p> <p>Funds are used to buy mechanical test equipment and tools to support the following principal end items: Automotive (e.g. Trucks & HMMWV's); Combat Engineers (e.g. Bulldozers); Ordnance (e.g. Tanks). The test equipment and tools are used by mechanics at all levels of maintenance (i.e. from operator to component rebuild) to restore deadlined items to operational condition. Items procured, range from individual mechanics tool kits to engine and transmission dynamometers.</p> <p>The funding sustains modernization and standardization plans, as well as new requirements identified in support of new principal end items. In some cases, new requirements will supersede planned procurements. The items bought with these funds are non-developmental, commercial-off-the-shelf items (consequently extremely low risk).</p> <p>All items are Code A.</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME GENERAL PURPOSE MECHANICAL TMDE (RCN 140947)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
ECP's FOR AGRS	A								
AGRS (OPTIONS)	A	155,000	2 310						
TOOL KIT, ELECTRO OPTICAL	A								
DYNAMOMETER, ENGINE	A	58,000	10 580	51,000	7 357				
TEST STAND, TRANSMISSION	A			227,000	2 454	233,000	1 233		
TEST BENCH, HYDRAULIC	A			140,000	1 140	111,000	3 333		
CONTACT TEST SET-III (CTS)	A			16,000	125 2,000	16,500	125 2,063		
TEST BENCH, STARTER	A					18,000	18 324		
LOGISTICS SUPPORT	N/A						75		
ACTIVE COMPONENTS									
RESERVE COMPONENTS									
TOTAL			(1019) (0)		(2664) (315)		(2465) (563)		
BLI NR. 483700			1019		2979		3028		
		P-1 SHOPPING LIST		ITEM NO. 46		PAGE NO. 2		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
4										
P-1 ITEM NOMENCLATURE:										
GENERAL PURPOSE MECHANICAL TMDE										
RCN: 140947										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
AGRS TEST STAND										
FY 95	EPECO, DENVER, CO	C/FPO	MCSC	MAR 95	MAR 96	2	155,000	YES	NO	N/A
DYNAMOMETER, ENGINE										
FY 95	UNKNOWN	C/FP	MCSC	OCT 95	FEB 96	10	58,000	YES	NO	N/A
FY 96	UNKNOWN	C/FPO	MCSC	JAN 96	MAY 96	7	51,000	YES	NO	N/A
TEST STAND, TRANS (TTS)										
FY 96	UNKNOWN	C/FP	MCSC	JAN 96	APR 96	2	227,000	YES	NO	N/A
FY 97	UNKNOWN	C/FPO	MCSC	JAN 97	APR 97	1	233,000	YES	NO	N/A
TEST BENCH, HYDRAULIC										
FY 96	UNKNOWN	C/FP	MCSC	JAN 96	SEP 96	1	140,000	YES	NO	N/A
FY 97	UNKNOWN	C/FPO	MCSC	JAN 97	SEP 97	3	111,000	YES	NO	N/A
CONTACT TEST SET-III										
FY 96	UNKNOWN	C/FP	MCSC	JAN 96	JAN 97	125	16,000	YES	NO	N/A
FY 97	UNKNOWN	C/FPO	MCSC	JAN 97	JAN 98	125	16,500	YES	NO	N/A
TEST BENCH, STARTER										
FY 97	UNKNOWN	C/FP	MCSC	JAN 97	JAN 98	18	18,000	NO	NO	JAN 96
REMARKS:										

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		NIGHT VISION EQUIPMENT								
		RCN: 142688								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0		
COST (IN MILLIONS)	\$	39.3	7.1	17.2	0.0	0.0	50.0	52.0		
This is a rolled line for Night Vision Equipment consisting of:										
AN/PVS-7B Night Vision Goggles										
AN/PAQ-4B Infrared Aim Light										
Scout Sniper Night Enhancement Device										
Laser Warning System										
AN/PAS-13 Thermal Weapon Sight										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME NIGHT VISION EQUIPMENT ROLL-UP RCN: 142688		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Various		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
AN/PVS-7B NIGHT VISION GOGGLES	A		33,341						
ANCILLARY EQUIPMENT 3X MAGNIFIER	A				2,978				13,487
MONOCULAR NIGHT VISION DEVICE	A								3,695
SCOUT SNIPER NIGHT ENHANCEMENT DEVICE	B								
AN/PAQ-4B INFRARED AIM LIGHT	B		6006						
GEN III TUBES	B				4,152				
Initial Spares			(3895)		(3337)				(957)
TOTAL COST			39,347		7,130				17,182
BLI NR. 493000	P-1 SHOPPING LIST ITEM NO. 47		PAGE NO. 2		EXHIBIT P-5				

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		Night Vision Equipment AN/PVS-7B NVG								
		RCN: 140178								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		11,180	0	0	0	0	0	0	0	
COST (IN MILLIONS)		\$ 33.3	\$ 7.1	\$ 13.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	
<p>AN/PVS-7B Night Vision Goggle. The latest Night Vision Goggle, significantly enhances operational capability over previous models. This is a 3rd Generation image intensifying system capable of detecting a man-size target at 250M in starlight and 350M in moonlight. It is 6oz lighter than the current AN/PVS-5 NVG and is three times as sensitive. The system incorporates an automatic high light shut off for protection from bright light and a low battery LED indicator in the display. This system is for ground use only.</p> <p>Acquisition Objective (AO) = 42,604</p> <p>FY93 & Prior = 24835* = 63% AO</p> <p>FY94 = 28556 = 67% AO</p> <p>FY95 = 39724 = 93% AO</p> <p>* Includes NGREA Qty of 2721</p> <p>Approval for Service Use = FY 94 = Code "A"</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/PVS-7B NIGHT VISION GOGGLE RCN: 140178		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION ITT/LITTON Roanoke, VA		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
AN/PVS-7B NVG	A	2,960	11180 33,093						
PRODUCTION ENGINEERING									
ANCILLARY EQUIPMENT 3X MAGNIFIER	A		248	312	9268 2,892				
PRODUCTION ENGINEERING									
MONOCULAR NIGHT VISION DEVICE	A				86	3090	4285 13,241		
PRODUCTION ENGINEERING									
GEN III TUBES	B								
PRODUCTION ENGINEERING				2267	1754 3,977				
					175				
Active Component			(20095)		(7130)		(13487)		
Reserve Component			(13246)		(0)		(0)		
TOTAL COST			33,341		7,130		13,487		
BLI NR. 493000		P-1 SHOPPING LIST		ITEM NO. 47		PAGE NO. 4		EXHIBIT P-5	

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE: Night Vision Equipment AN/PVS-7B NVG										
										RCN: 140178
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
FY 95 AN/PVS-7B	ITT/LITTON ROANOKE, VA	CM-5/FPO	USA CECOM	JAN 95	JAN 96	11180	2960	YES	NO	N/A
FY96 3X MAGNIFIER	ITT/LITTON ROANOKE, VA	CM-2/FPO	USA CECOM	FEB 96	JAN 97	9268	312	YES	NO	N/A
FY 97 MONOCULAR NIGHT VISION DEVICE	ITT/LITTON ROANOKE, VA	CM-2/FPO	USA CECOM	JAN 97	JAN 98	4285	3090	YES	NO	N/A
FY 96 GEN III 25mm TUBES	ITT/LITTON ROANOKE, VA	CM-2FPO	USA CECOM	FEB 96	JAN 97	1754	2267	YES	NO	N/A
REMARKS:										

BLI NR. 493000	P-1 SHOPPING LIST	EXHIBIT P-5A
ITEM NO. 47	PAGE NO. 3	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: AN/PVS-7B, NIGHT VISION GOGGLES

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 3047
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 3047

INITIAL ISSUE

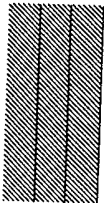
I MARINE EXPEDITIONARY FORCE: 14468
II MARINE EXPEDITIONARY FORCE: 12541
III MARINE EXPEDITIONARY FORCE: 3770
SELECTED MARINE CORPS RESERVE: 7766
SUPPORT ESTABLISHMENT: 1012
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 39557

APPROVED ACQUISITION OBJECTIVE

42604

47-6

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:	ITEM NAME: AN/PVS-7B Night Vision Goggle		
ACQUISITION OBJECTIVE:	RCN:		
E1152	140178		
42,604			

	FY 1994	FY 1995	FY 1996	FY 1997
ENDING INVENTORY				
30 SEP 1993				
				
GAINS:				
*FY BUDGET	3730	11180		
*OTHER	0	0		
TOTAL	3730	11180		
LOSSES:				
*COMBAT USMC	0	0		
*COMBAT ALLIES	0	0		
*PEACETIME	6	8		
*WASHOUT	3	4		
*SALES	0	0		
*OTHER	0	0		
TOTAL	-9	-12		
NET CHANGE (+/-)	3721	11156		
ASSET POSITION:				
*STD SERVICEABLE	28556	39724		
*STD UNSERVICEABLE	0	0		
*SUB SERVICEABLE	0	0		
*SUB UNSERVICEABLE	0	0		
TOTAL	28556	39724		
\$M VALUE	\$ 81.0	\$ 114.3	\$	\$
% A/O ON HAND/FUNDED	63 %	93 %	%	%
COMMENTS: * INCLUDES NGREA AMOUNT OF 2721.				
<div style="display: flex; justify-content: space-between;"> <div> FY 1996 RECOMMENDED BUY - QUANTITY: _____ VALUE: \$ _____ M </div> <div> FY 1997 RECOMMENDED BUY - QUANTITY: _____ VALUE: \$ _____ M </div> </div>				

BLI NR. 493000	P-1 SHOPPING LIST	EXHIBIT P-20A
ITEM NO. 47	PAGE NO. 7	

BUDGET ACTIVITY: 4

PROCUREMENT MARINE CORPS/BUDGET ACTIVITY: 4

PHC PRODUCTION SCHEDULE (4850)

BUDGET ACTIVITY, PROCUREMENT MARINE CORPS/BUDGET ACTIVITY, F-1 ITEM NOMENCLATURE, NIGHT VISION EQUIPMENT										FISCAL YEAR: 99												FISCAL YEAR: 00												FISCAL YEAR: 01											
PROGRAM QUANTITY										CALENDAR YEAR: 99												CALENDAR YEAR: 00												CALENDAR YEAR: 01											
ACC BAL PRIOR TO AS OF										CALENDAR YEAR: 99												CALENDAR YEAR: 00												CALENDAR YEAR: 01											
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BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

P-1 ITEM NOMENCLATURE:

Night Vision Equipment AN/PAQ4B

Infrared Aim Light

RCN: 140178

QUANTITY	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
	20,719	0	0	0	0	0	0
COST (IN MILLIONS)	\$ 6.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

AN/PAQ-4B Infrared Aim Light. A small, lightweight, infrared aim light that attaches to infantry weapons and is used with image intensified night vision equipment to enhance target acquisition. The device emits a beam of infrared light that is invisible to the naked eye, yet visible out to 600M when viewed with night vision equipment.

Acquisition Objective (AO) = 29,234

FY94 = 6000 = 20% of AO

FY95 = 26719 = 90% of AO

Approval for Service Use = FY 96 = Code "A"

BLI NR. 493000

P-1 SHOPPING LIST

ITEM NO. 47

-

10

PAGE NO.

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/PAQ-4B IR AIM LIGHT (RCN 140178)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Insight Technologies Manchester, NH		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY	FY 1995 TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY	FY 1996 TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY
AN/PAQ-4B IR AIM LIGHT	A	267	20,719	5,532					
PRODUCTION ENGINEERING				256					
ANCILLARY EQUIPMENT				218					
TOTAL COST				6006					
BLI NR. 493000		P-1 SHOPPING LIST ITEM NO. 47		PAGE NO. 11		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE: AN/PAQ-4B INFRARED AIM LIGHT					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										RCN: 140178
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
FY 95 AN/PAQ-4B	INSIGHT TECH. MANCHESTER, NH	C-2/FPO	USA CECOM	MAR 95	JAN 96	20,719	267	YES	NO	N/A
REMARKS:										

BLI NR. 493000	P-1 SHOPPING LIST		EXHIBIT P-5A
	ITEM NO. 47	PAGE NO. 12	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: AN/PAQ-4B, INFANTRY WEAPONS NIGHT TARGETING DEVICE

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT:
DEPOT MAINTENANCE FLOAT:
TOTAL:

3283
0
3283

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE:
II MARINE EXPEDITIONARY FORCE:
III MARINE EXPEDITIONARY FORCE:
SELECTED MARINE CORPS RESERVE:
SUPPORT ESTABLISHMENT:
NORWAY AIR LANDED BRIGADE:
TOTAL:

9702
8275
2568
5135
571
0
26251

APPROVED ACQUISITION OBJECTIVE

29534

47-13

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:	E0955	ITEM NAME: AN/PAQ-4B INFRARED AIM LIGHT	
ACQUISITION OBJECTIVE:	29,534	RCN: 140178	

	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
GAINS:					
*FY BUDGET		6000	20719		
*OTHER		0	0		
TOTAL		6000	20719		
LOSSES:					
*COMBAT USMC		0	0		
*COMBAT ALLIES		0	0		
*PEACETIME		0	0		
*WASHOUT		0	0		
*SALES		0	0		
*OTHER		0	0		
TOTAL		0	0		
NET CHANGE (+/-)		6000	20719		
ASSET POSITION:					
*STD SERVICEABLE		6000	26719		
*STD UNSERVICEABLE		0	0		
*SUB SERVICEABLE		0	0		
*SUB UNSERVICEABLE		0	0		
TOTAL		6000	26719		
\$M VALUE		1.5	7.5		
% A/O ON HAND/FUNDED		20 %	90 %		

COMMENTS:	<table style="width:100%;"> <tr> <td style="width:50%;">FY 1996 RECOMMENDED BUY - QUANTITY:</td> <td style="width:50%;">VALUE: \$ _____ M</td> </tr> <tr> <td>FY 1997 RECOMMENDED BUY - QUANTITY:</td> <td>VALUE: \$ _____ M</td> </tr> </table>	FY 1996 RECOMMENDED BUY - QUANTITY:	VALUE: \$ _____ M	FY 1997 RECOMMENDED BUY - QUANTITY:	VALUE: \$ _____ M
FY 1996 RECOMMENDED BUY - QUANTITY:	VALUE: \$ _____ M				
FY 1997 RECOMMENDED BUY - QUANTITY:	VALUE: \$ _____ M				

BLI NR. 493000	P-1 SHOPPING LIST	EXHIBIT P-20A
	ITEM NO. 47	PAGE NO. 14

BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

P-1 ITEM NOMENCLATURE: Night Vision Equipment

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

Scout Sniper Night Enhancement Device (SSNED)

RCN: 140178

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	329	0	0	0	0
COST (IN MILLIONS)	\$ 0.0	\$ 0.0	\$ 3.7	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

Scout Sniper Night Enhancement Device. A telescopic aiming device attaching to/replacing the existing M40A1 and M82A1A sniper scopes. The SSNED permits precise and accurate rifle fire on selected targets during day/night operations.

Acquisition Objective = 426

FY97 Procurement Quantity = 329 = 77% of AO

Approval for Service Use FY96 = Code "A"

BLI NR. 493000

P-1 SHOPPING LIST
ITEM NO. 47
PAGE NO. 16

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 0		B. WEAPON MODEL/SERIES/POPULAR NAME SCOUT SNIPER NIGHT ENHANCEMENT DEVICE (SSNED) (RCN 140178)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION TO BE DETERMINED		D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST	
SCOUT SNIPER NIGHT ENHANCEMENT DEVICE (SSNED)	A					11141	329	3665
PRODUCTION ENGINEERING								30
Active Component Reserve Component								(3695)
TOTAL COST								(0)
BLI NR. 493000								3,695

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE: Night Vision Equipment- Scout Sniper Night Enhancement Device (SSNED)										RCN: 140178
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
SSNED										
FY97	UNKNOWN	C-1/FPO	SYSCOM	APR 97	SEP 97	329	11141	NO	UNK	N/A
REMARKS:										

BLI NR. 493000

P-1 SHOPPING LIST
ITEM NO. 47
PAGE NO. 18

EXHIBIT P-5A

"CODE B" ITEM DESCRIPTION		DATE			
APPROPRIATION/BUDGET ACTIVITY: NIGHT VISION EQUIPMENT - SCOUT SNIPER NIGHT ENHANCEMENT DEVICE (SSNED)		RCN: 140178			
1. CURRENT DEVELOPMENT AND TEST STATUS					
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E) c. Operational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual Plan/Actual Plan/Actual Plan/Actual	RE-TEST DT RE-TEST SLIPPED.			
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: FEB 97					
3. EQUIPMENT ITEM(S) TO BE REPLACED: N/A					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: N/A					
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)					
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	CY (FY1995)	BY (FY1996)	BEYOND BY
			\$ 0.189	\$ 0.082	\$ 0.132
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
			\$	\$	\$
TOTAL RDT&E FUNDING			\$ 0.189	\$ 0.082	\$ 0.132
REMARKS: The Scout Sniper Night Enhancement Device (SSNED) acquisition strategy is to procure a non-developmental item.					
BLI NR. 493000		P-1 SHOPPING LIST		EXHIBIT P-19	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: SCOUT-SNIPER NIGHT ENHANCEMENT DEVICE (SSNED)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 18
DEPOT MAINTENANCE FLOAT: 9
TOTAL: 27

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 88
II MARINE EXPEDITIONARY FORCE: 72
III MARINE EXPEDITIONARY FORCE: 32
SELECTED MARINE CORPS RESERVE: 72
SUPPORT ESTABLISHMENT: 135
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 399

APPROVED ACQUISITION OBJECTIVE

426

47-20

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: <u>TBD</u> ACQUISITION OBJECTIVE: <u>426</u>		ITEM NAME: <u>Scout Sniper Night Enhancement Device (SSNED)</u> RCN: <u>140178</u>	
ENDING INVENTORY			
30 SEP 1993		FY 1994	FY 1995
GAINS: *FY BUDGET *OTHER TOTAL		0 0 0	0 0 0
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0 0 0 0 0 0 0	0 0 0 0 0 0 0
NET CHANGE (+/-)		0	0
ASSET POSITION:			
*STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE		329 0 0 0	
TOTAL		0	0
\$M VALUE		\$	\$
% A/O ON HAND/FUNDED		0 %	0 %
77 %			
COMMENTS:			
FY 1996 RECOMMENDED BUY - QUANTITY		0	
VALUE: \$		0 M	
FY 1997 RECOMMENDED BUY - QUANTITY		329	
VALUE: \$		3.7 M	
BLI NR. 493000		EXHIBIT P-20A	

BUDGET ITEM JUSTIFICATION SHEET									
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		DATE					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		4		AUTOMATED DATA PROCESSING					
		RCN: 144088							
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
		0	0	0	0	0	0	0	0
COST (IN MILLIONS)\$	\$	16.5	23.0	0.0	0.0	0.0	0.0	0.0	0.0

The Marine Corps ADP program is an aggregation of inter-related data processing disciplines. The overall objective is to achieve modernization and increase processing capacity, both of which are required to allow continued operation of existing automated information systems (AIS) and the implementation of new corporate information management (CIM) automated information systems to support all functional areas. The Marine Corps has a continuing need to upgrade its computer equipment and system software by replacement or augmentation in order to keep pace with user demands and changing technology.

1. REGIONAL COMPUTING CAPACITY PROGRAM. The Marine Corps regional ADP support is comprised of several components including small system computer equipment, proprietary system software products, the Marine Corps Local and Wide Area Exchange (LWX) network, and mainframe connectivity. This support environment was revamped. For the foreseeable future, legacy system ADP support will be provided to the Fleet Marine Forces and supporting establishments by the Defense Mega-Center (DMC) in St. Louis, Missouri, while future Marine Corps enterprise unique systems will be designed, developed, and fielded under a different support structure. This support structure emphasizes distributed computing capabilities in a client-server architecture. In addition, there is an ongoing requirement to maintain the Marine Corps enterprise network infrastructure (servers, routers, hubs, printers, workstations, network and workstation operating system software and end-user applications, network management tools, and security systems) to support DOD sponsored and Marine Corps unique client-server applications.

FY 97-01 PROCUREMENT IN BLI 463500.

FUNDING PROFILE	
FY95	FY96 FY97
2726	4625 0

BLI NR. 494200	P-1 SHOPPING LIST	EXHIBIT P-40
	ITEM NO. 48	
	PAGE NO. 1	

BUDGET ITEM JUSTIFICATION SHEET		DATE									
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING									
2. SYSTEM SOFTWARE		RCN: 144088									
<p>In addition to the application software for pay, supply, manpower, and financial management, computer systems require system software. System software is used to execute and enhance the management of hardware and/or application software and is absolutely essential for data processing operations. Marine Corps Common Computer Resources (CCR) coordinates and manages all system software products within the Marine Corps to include the Banyan Network Operating System which supports the Marine Corps wide area network. These proprietary products are used in conjunction with operating system software to make the system run more efficiently. The products are used to fine tune the system and support a variety of management functions. This software is generally proprietary, requiring annual licensing fees and maintenance support contracts.</p>											
FY 97-01 PROCUREMENT IN BLI 463500.											
<table border="1"> <thead> <tr> <th colspan="3">FUNDING PROFILE</th> </tr> </thead> <tbody> <tr> <td>FY95</td> <td>FY96</td> <td>FY97</td> </tr> <tr> <td>1995</td> <td>3335</td> <td>0</td> </tr> </tbody> </table>			FUNDING PROFILE			FY95	FY96	FY97	1995	3335	0
FUNDING PROFILE											
FY95	FY96	FY97									
1995	3335	0									
BLI NR. 494200		P-1 SHOPPING LIST ITEM NO. 48 PAGE NO. 2									

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING						
		RCN: 144088						
<p>3. WORLD WIDE MILITARY COMMAND AND CONTROL SYSTEM (WWMCCS)/GLOBAL COMMAND AND CONTROL SYSTEM (GCCS)</p> <p>Consists of command and control subsystems which enable the National Command Authorities (NCA), the Joint Chiefs of Staff, and commanders at appropriate levels to direct and control the operation of U.S. military forces. These funds provide for the WWMCCS/GCCS computer (microcomputer workstation, terminals, printers) and communications support equipment (modems, multiplexors) to support Marine Corps participation in the WWMCCS/GCCS as directed by the Secretary of the Navy and Chairman, Joint Chiefs of Staff.</p> <p>FY 97-01 PROCUREMENT IN BLI 463100.</p>								
FUNDING PROFILE <table style="margin: auto;"> <tr> <td style="text-align: right;">FY95</td> <td style="text-align: right;">FY96</td> <td style="text-align: right;">FY97</td> </tr> <tr> <td style="text-align: right;">8375</td> <td style="text-align: right;">447</td> <td style="text-align: right;">0</td> </tr> </table>			FY95	FY96	FY97	8375	447	0
FY95	FY96	FY97						
8375	447	0						
BLI NR. 494200		P-1 SHOPPING LIST ITEM NO. 48 PAGE NO. 3						

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	4	P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING						
		RCN: 144088						
<p>4. TACTICAL SYSTEM SUPPORT EQUIPMENT</p> <p>Required equipment and support for the Marine Corps Tactical System Support Activity efforts on Life Cycle Software Support (LCSS) for tactical systems. Investment items are essential to form the basis of software support for the Marine Corps tactical data systems that are fielded.</p> <p>FY 97-01 PROCUREMENT IN BLI 463500.</p>								
<p>FUNDING PROFILE</p> <table style="margin: auto;"> <tr> <td style="text-align: right;">FY95</td> <td style="text-align: right;">FY96</td> <td style="text-align: right;">FY97</td> </tr> <tr> <td style="text-align: right;">1387</td> <td style="text-align: right;">1200</td> <td style="text-align: right;">0</td> </tr> </table>			FY95	FY96	FY97	1387	1200	0
FY95	FY96	FY97						
1387	1200	0						
BLI NR. 494200		P-1 SHOPPING LIST ITEM NO. 48 PAGE NO. 4						

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY:	P-1 ITEM NOMENCLATURE:							
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	AUTOMATED DATA PROCESSING	RCN: 144088						
<p>5. MANPOWER AND RESERVE AFFAIRS ADP</p> <p>This centrally managed program will replace outdated ADP equipment. This program will buy a computer to run manpower math models in-house. Currently manpower pays teleprocessing fees to a vendor to operate these models. This program will also purchase compact disk read-only memory players that will transform documents from paper to electronic formats by providing read capability to the field.</p> <p>FY 97-01 PROCUREMENT IN BLI 463500.</p>								
<p>FUNDING PROFILE</p> <table> <tr> <td>FY95</td> <td>FY96</td> <td>FY97</td> </tr> <tr> <td>589</td> <td>224</td> <td>0</td> </tr> </table>			FY95	FY96	FY97	589	224	0
FY95	FY96	FY97						
589	224	0						
BLI NR. 494200	<p>P-1 SHOPPING LIST</p> <table> <tr> <td>ITEM NO.</td> <td>PAGE NO.</td> </tr> <tr> <td>48</td> <td>5</td> </tr> </table>		ITEM NO.	PAGE NO.	48	5		
ITEM NO.	PAGE NO.							
48	5							

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING
4	RCN: 144088	

6. CONFLICT S

Provides the Marine Corps the ability to continue expanding the role of simulating and modeling decision making tools. In order for the Marine Corps to build and maintain a solid presence in the joint wargaming community and continue to provide realistic scenarios and tools, it is imperative to advance with technology. The purchase of hardware and software necessary for these models will allow the Marine Corps to keep pace with other government agencies and to interact in realistic wargaming scenarios.

FY 97-01 PROCUREMENT IN BLI 463500.

FUNDING PROFILE	
FY95	FY96
FY97	FY97
1335	0 0

BLI NR. 494200	P-1 SHOPPING LIST ITEM NO. 48 - 6
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EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING	RCN: 144088						
<p>7. ELECTRONIC DATA INTERCHANGE (EDI)</p> <p>Implementation of EDI in DoD calls for an aggressive program to implement EDI in the next five years. EDI is the automated exchange of electronic forms, instead of paper. Through EDI, the Marine Corps' basic business systems can be modernized, procedural bottlenecks corrected, and overhead costs reduced. This initiative would cover the costs of the computer and software necessary to transmit information electronically.</p> <p>FY 97-01 PROCUREMENT IN BLI 463500.</p>								
<p>FUNDING PROFILE</p> <table> <tr> <td>FY95</td> <td>FY96</td> <td>FY97</td> </tr> <tr> <td>60</td> <td>71</td> <td>0</td> </tr> </table>			FY95	FY96	FY97	60	71	0
FY95	FY96	FY97						
60	71	0						
BLI NR. 494200	P-1 SHOPPING LIST ITEM NO. 48 PAGE NO. 7							
EXHIBIT P-40								

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING						
4		RCN: 144088						
<p>8. OPTICAL DIGITAL IMAGING (ODI-RMS)</p> <p>Provides the Marine Corps the ability to process, store and retrieve Official Military Personnel Files for all active and reserve Marines in an Optical Digital Imaging (ODI) format. The use of this advanced technology will reduce the current cost of maintaining these records, virtually eliminate their loss, and provide multiple users simultaneous access. An initial investment of \$5M in PMC (in addition to and increase of \$3M over the current O&MMC level of funding) in this ODI technology will save approximately \$46M in operating expenses over a 10-year life cycle.</p> <p>FY 97-01 PROCUREMENT IN BLI 463500.</p>								
<p>FUNDING PROFILE</p> <table border="1"> <tr> <td>FY95</td> <td>FY96</td> <td>FY97</td> </tr> <tr> <td>0</td> <td>3406</td> <td>0</td> </tr> </table>			FY95	FY96	FY97	0	3406	0
FY95	FY96	FY97						
0	3406	0						
BLI NR. 494200	<p>P-1 SHOPPING LIST</p> <table border="1"> <tr> <td>ITEM NO.</td> <td>PAGE NO.</td> </tr> <tr> <td>48</td> <td>-</td> </tr> </table>		ITEM NO.	PAGE NO.	48	-		
ITEM NO.	PAGE NO.							
48	-							

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	4	AUTOMATED DATA PROCESSING
		RCN: 144088

9. DEFENSE MESSAGE SYSTEM (DMS)

DMS consists of all the hardware, software, procedures, standards, facilities, and personnel used to exchange messages electronically between organizations and individuals in the DoD. The vision of DMS is to provide secure, accountable and reliable message service. Using the Defense Information System Network (DISN) Infrastructure/Global Grid for worldwide connectivity, DMS provides value-added X.400 messaging and X.500 directory services for DoD organizations and individuals. DMS will replace the current AUTODIN system and implemented through the use of Marine Corps acquired computer hardware and local area networks/wide area networks (LANS/WANS) to distribute both organizational and individual electronic messages.

FY 97-01 PROCUREMENT IN BLI 463400.

FUNDING PROFILE		
FY95	FY96	FY97
0	4131	0

BLI NR. 494200	P-1 SHOPPING LIST	EXHIBIT P-40
	ITEM NO. 48	PAGE NO. 9

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		
P-1 ITEM NOMENCLATURE:	AUTOMATED DATA PROCESSING	
	RCN: 144088	
10. JOINT RECRUITING INFORMATION SUPPORT SYSTEMS (JRISS)		
<p>JRISS will automate the entire recruiting business process from high level mission planning at the headquarters to prospecting at the canvassing recruiter level. Benefits of the system include one time data entry, forms generation, automated activity reporting, Delayed Entry Program (DEP) tracking, enlistment criteria expert system, electronic distribution of leads, and electronic interface with MEPS, other services and relevant outside agencies. JRISS will be a joint system with all services sharing standardized data definitions in a distributed database. JRISS service specific front-end user interfaces will support the unique recruiting practices of each armed service.</p>		
FY 97-01 PROCUREMENT IN BLI 463500.		
FUNDING PROFILE FY95 FY96 FY97 0 5608 0		
BLI NR. 494200	P-1 SHOPPING LIST ITEM NO. 48 PAGE NO. 10	
EXHIBIT P-40		

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AUTOMATED DATA PROCESSING RCN: 144088		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
REGIONAL COMPUTING									
SYSTEM SOFTWARE									
WMCCS/GCCS									
TACTICAL SYSTEMS SUPPORT									
M&RA ADP									
CONFLICT S									
EDI									
ODI-RMS									
DMS									
JRISS									
TOTAL COST			16467				23047		0
BLI NR. 494200		P-1 SHOPPING LIST		ITEM NO. 48		PAGE NO. 11		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING											DATE:	
APPROPRIATION/BUDGET ACTIVITY:											P-1 ITEM NOMENCLATURE:	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY											AUTOMATED DATA PROCESSING	
4											RCN: 144088	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL		
1. REGIONAL COMPUTING FY 95 FY 96	VARIOUS VARIOUS	C/FFP C/FFP	LBC SYSCOM	MAR 95 MAR 96	JUL 95 MAY 96	VARIOUS VARIOUS	2,726,000 4,625,000	YES YES	NO NO	N/A N/A		
2. SYSTEM SOFTWARE FY 95 FY 96	VARIOUS VARIOUS	C/FFP C/FFP	LBC SYSCOM	MAR 95 MAR 96	JUL 95 MAY 96	VARIOUS VARIOUS	1,995,000 3,335,000	YES YES	NO NO	N/A N/A		
3. WNMCCS/GCCS FY 95 FY 96	VARIOUS VARIOUS	C/FFP C/T&M	LBC DISA	MAR 95 MAR 96	JUL 95 MAY 96	VARIOUS VARIOUS	8,375,000 447,000	YES YES	NO NO	N/A N/A		
4. TACTICAL SYSTEM SUPPORT EQUIPMENT FY 95 FY 96	VARIOUS VARIOUS	C/FFP C/FFP	MCBCAMPEN MCBCAMPEN	MAR 95 FEB 96	JUL 95 APR 96	VARIOUS VARIOUS	1,387,000 1,200,000	YES YES	NO NO	N/A N/A		
5. M&RA ADP FY 95 FY 96	VARIOUS VARIOUS	C/FFP C/FFP	LBC LBC	MAR 95 FEB 96	JUL 95 APR 96	VARIOUS VARIOUS	589,000 224,000	YES YES	NO NO	N/A N/A		
6. CONFLICT S FY 95	VARIOUS	C/FFP	SYSCOM	JUL 95	SEP 95	VARIOUS	1,335,000	YES	NO	N/A		
7. EDI FY 95 FY 96	VARIOUS VARIOUS	C/FFP C/FFP	LBC LBC	MAR 95 JAN 96	JUL 95 MAR 96	VARIOUS VARIOUS	60,000 71,000	YES YES	NO NO	N/A N/A		
8. ODI-RMS FY 96	UNKNOWN	C/FFP	LBC	JUN 96	JUL 96	VARIOUS	3,406,000	YES	NO	N/A		
9. DMS FY 96	UNKNOWN	C/FFP	ITAC	FEB 96	JAN 97	VARIOUS	4,131,000	YES	NO	N/A		
10. JRISS FY 96	UNKNOWN	C/FFP	ARMY	FEB 96	APR 96	VARIOUS	5,608,000	YES	NO	N/A		
BLI NR. 494200											EXHIBIT P-5A	
P-1 SHOPPING LIST											PAGE NO. 12	
ITEM NO. 48												

BUDGET ITEM JUSTIFICATION SHEET										DATE	
APPROPRIATION/BUDGET ACTIVITY:				P-1 ITEM NOMENCLATURE:							
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY				COMMAND POST SYSTEMS ROLL-UP							
				RCN:							
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001			
COST (IN MILLIONS)	\$	0.0 \$	0.0 \$	11.4 \$	13.5 \$	33.3 \$	3.1 \$	1.0			
THIS IS A ROLLED LINE CONSISTING OF THE FOLLOWING:											
TCO		FY 97	FY 98	FY 99	FY 00	FY 01					
AFATDS	FY 97-99	10.5	9.8	4.6	0	0					
ATACC	FY 99	0	0	11.3	0	0					
GCCS	FY 98-00	0	2.8	16.5	2.1	0					
TOTALS	FY 97-01	0.9	1.0	1.0	1.0	1.0					
		11.4	13.6	33.4	3.1	1.0					
- Tactical Combat Operations - Advance Field Artillery Tactical Data System - Advanced Tactical Air Command Central - Global Command and Control System											

BLI NR. 463100

P-1 SHOPPING LIST
 ITEM NO. 49 - PAGE NO. 1

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME COMMAND POST SYSTEMS ROLL-UP RCN:		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
TCO (RCN: 144124)							10490		
GCCS (RCN: 144088)							912		
TOTAL COST									11402
BLI NR. 463100		P-1 SHOPPING LIST ITEM NO. 49		PAGE NO. 2		EXHIBIT P-5			

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		Tactical Combat Operations (TCO)								
		RCN: 144124								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
COST (IN MILLIONS)	\$	0.0	0.0	10.5	186	124	0	0	0	
	\$	0.0	0.0	10.5	9.8	4.6	0.0	0.0	0.0	

This procurement covers the microcomputer needs of the TCO program. This program provides digital mapping, messaging, overlay, and related capabilities to Marine commanders and their staffs at the battalion level and above. TCO enables Marines to share a common picture of the battlefield throughout the Marine Air Ground Task Force (MAGTF), thereby allowing commanders to make more timely and effective decisions. This system uses the common core software of the Joint Maritime Command Information System and will allow Marines to share their views of the battlespace not only with each other, but their Navy and Coast Guard counterparts as well.

THIS ITEM IS CODE A

TCO ACQUISITION OBJECTIVE (A/O): 880

FY95&PRIOR: 98 = 11% OF A/O (See BLI 461000)

FY96: 334 = 38% OF A/O

FY97: 564 = 64% O A/O

FY98: 750 = 85% OF A/O

FY99-01: 874 - 99% OF A/O

The TCO line ends in FY96 and then falls under the Command Post Systems line in FY97.

BLI NR.	463100
P-1 SHOPPING LIST	
ITEM NO.	PAGE NO.
49	3

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME Tactical Combat Operations (TCO) RCN: 144124		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
Hardware Costs									
TAC IV Computer	A					37600	230 8648		
TAC IV Expansion Box	A					14750	60 885		
TCIM (Army MODEM)	A					8418	56 471		
Transit Cases	A					618	290 179		
SUPPORT COSTS									
ILS									97
Program Management									102
Factory Training/									108
Travel									
TOTAL COST								10490	
BLI NR. 463100									

P-1 SHOPPING LIST
 ITEM NO. 49
 PAGE NO. 4

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
Tactical Combat Operations (TCO)										
										RCN: 144124
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
TAC-IV FY97	HEWLETT PACKARD CHESAPEAKE, VA	C/FFP	PORTSMOUTH NAVAL SHIPYARD	Dec 96	Feb 97	230	37600	YES	NO	N/A
TAC-IV Expansion Box FY97	HEWLETT PACKARD CHESAPEAKE, VA	C/FFP	PORTSMOUTH NAVAL SHIPYARD	Dec 96	Feb 97	60	14750	YES	NO	N/A
TCIM FY97	SAIC, SAN DIEGO, CA	C/FFP	US ARMY CECOM	Oct 96	Jan 97	56	8418	YES	NO	N/A
Transit Cases FY97	PACKAGING STRATEGIES, INC., BALTIMORE, MD.	C/FFP	NISE EAST MCS	Oct 96	Jan 97	290	618	YES	NO	N/A
REMARKS:										

BLI NR. 463100

P-1 SHOPPING LIST
 ITEM NO. 49
 PAGE NO. 5

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TACTICAL COMBAT OPERATIONS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 81
DEPOT MAINTENANCE FLOAT: 99
TOTAL: 180

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 199
II MARINE EXPEDITIONARY FORCE: 203
III MARINE EXPEDITIONARY FORCE: 136
SELECTED MARINE CORPS RESERVE: 122
SUPPORT ESTABLISHMENT: 40
NORWAY AIR LANDED BRIGADE: 0
MARITIME PREPOSITIONING FORCE: 0
TOTAL: 700

WRMR/MPF OFFSET

(0)

APPROVED ACQUISITION OBJECTIVE

880

49-6

ASSET DYNAMICS		DATE:																																																																																																																			
ITEM NAME: Tactical Combat Operations (TCO)																																																																																																																					
RCN: 144124																																																																																																																					
TAMCN/DODIC:	A2534	880																																																																																																																			
ACQUISITION OBJECTIVE:																																																																																																																					
<table border="1"> <thead> <tr> <th></th> <th>FY 1994</th> <th>FY 1995</th> <th>FY 1996</th> <th>FY 1997</th> </tr> </thead> <tbody> <tr> <td>ENDING INVENTORY 30 SEP 1993</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GAINS:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*FY BUDGET</td> <td></td> <td>98</td> <td>236</td> <td>230</td> </tr> <tr> <td>*OTHER</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>98</td> <td>236</td> <td>230</td> </tr> <tr> <td>LOSSES:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*COMBAT USMC</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>*COMBAT ALLIES</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>*PEACETIME</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>*WASHOUT</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>*SALES</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>*OTHER</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>NET CHANGE (+/-)</td> <td>0</td> <td>98</td> <td>236</td> <td>230</td> </tr> <tr> <td>ASSET POSITION:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*STD SERVICEABLE</td> <td></td> <td>98</td> <td>334</td> <td>564</td> </tr> <tr> <td>*STD UNSERVICEABLE</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>*SUB SERVICEABLE</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>*SUB UNSERVICEABLE</td> <td></td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>98</td> <td>334</td> <td>564</td> </tr> <tr> <td>\$M VALUE</td> <td>\$</td> <td>\$ 5.2</td> <td>\$ 16.0</td> <td>\$ 26.5</td> </tr> <tr> <td>% A/O ON HAND/FUNDED</td> <td>0 %</td> <td>0 %</td> <td>38 %</td> <td>64 %</td> </tr> </tbody> </table>				FY 1994	FY 1995	FY 1996	FY 1997	ENDING INVENTORY 30 SEP 1993					GAINS:					*FY BUDGET		98	236	230	*OTHER		0	0	0	TOTAL	0	98	236	230	LOSSES:					*COMBAT USMC		0	0	0	*COMBAT ALLIES		0	0	0	*PEACETIME		0	0	0	*WASHOUT		0	0	0	*SALES		0	0	0	*OTHER		0	0	0	TOTAL	0	0	0	0	NET CHANGE (+/-)	0	98	236	230	ASSET POSITION:					*STD SERVICEABLE		98	334	564	*STD UNSERVICEABLE		0	0	0	*SUB SERVICEABLE		0	0	0	*SUB UNSERVICEABLE		0	0	0	TOTAL	0	98	334	564	\$M VALUE	\$	\$ 5.2	\$ 16.0	\$ 26.5	% A/O ON HAND/FUNDED	0 %	0 %	38 %	64 %
	FY 1994	FY 1995	FY 1996	FY 1997																																																																																																																	
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COMMENTS:																																																																																																																					
FY 95 See BLI NR. 461000 FY 96 See BLI NO. 461300																																																																																																																					
BLI NR. 463100	P-1 SHOPPING LIST ITEM NO. 49 PAGE NO. 7																																																																																																																				
EXHIBIT P-20A																																																																																																																					

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					Global Command and Control Systems (GCCS)					RCN: 144088
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001			
QUANTITY		0	0	0	0	0	0			
COST (IN MILLIONS)	\$ 0.0	\$ 0.0	\$ 0.9	\$ 1.0	\$ 1.0	\$ 1.0	\$ 1.0			

1. Global Command and Control System (GCCS). Consists of command and control subsystems which enable the National Command Authorities (NCA), the Joint Staff, and commanders at appropriate levels to direct and control the operations of U.S. military forces. These funds provide for the GCCS hardware (servers, workstations, printers) and communications support equipment (hubs, routers, net encryption devices, modems, and cabling) to support Marine Corps participation in the GCCS as directed by the Secretary of the Navy and Chairman, Joint Staff.

Funding Profile

FY 95	FY 96	FY 97
0	0	912

BLI NR. 463100	P-1 SHOPPING LIST	EXHIBIT P-40
	ITEM NO. 49	PAGE NO. 9

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME Global Command and Control System RCN: 144088		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Various		D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST	
GLOBAL COMMAND AND CONTROL SYSTEM			0		0		912	
TOTAL COST			0		0		912	
BLI NR. 463100		P-1 SHOPPING LIST ITEM NO. 49		PAGE NO. 10		EXHIBIT P-5		

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
Global Command and Control Systems (GCCS)										
RCN: 144088										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
1. GCCS FY 97	Various	C/FPP	VARIOUS	JAN 97	MAY 97	VAR	912,000	NO	NO	N/A
REMARKS:										

BLI NR. 463100

P-1 SHOPPING LIST
ITEM NO. 49

PAGE NO. 11

EXHIBIT P-5A

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					RCN:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					MANEUVER C2 SYSTEMS ROLL-UP					
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
COST (IN MILLIONS)	\$	0.0	0.0	0.0	11.1	27.9	16.2	12.9		
THIS IS A ROLLED LINE CONSISTING OF THE FOLLOWING:										
		FY97	FY98	FY99	FY00	FY01				
JTIDS	FY97-FY98	2.8	2.1	0	0	0				
DACT	FY97-FY99	4.8	9.0	9.0	3.6	0				
PLRS	FY99	0	0	18.9	0	0				
COMBAT ID SYS	FY00-FY01	0	0	0	12.6	12.9				
JTIDS - JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM										
DACT - DATA AUTOMATED COMMUNICATIONS TERMINAL										
PLRS - POSITION LOCATION REPORTING SYSTEM										

BLI NR. 463200

P-1 SHOPPING LIST
 ITEM NO. 50 - 1
 PAGE NO.

EXHIBIT P-40

WEAPON SYSTEM COST. ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MANEUVER C2 SYSTEMS ROLL-UP		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE			FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
Joint Tactical Information Distribution System (JTIDS) Class 2 Terminal (RCN: 041693)	B								2840
Data Automated Communications Terminal (DACT) (RCN: 144058)	B								4752
TOTAL COST									7592
BLI NR. 463200				P-1 SHOPPING LIST ITEM NO. 50		PAGE NO. 2		EXHIBIT P-5	

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM								RCN: 041693
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.0 \$	0.0 \$	2.8 \$	2.1 \$	0.0 \$	0.0 \$	0.0 \$	0.0	
<p>THIS IS A ROLL-UP LINE FOR THE JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).</p> <p>THE JTIDS TERMINAL PROVIDES A HIGH-CAPACITY, JAM RESISTANT, SECURE, DIGITAL COMMUNICATIONS CAPABILITY FOR THE TACTICAL COMMAND AND CONTROL (C2) PLATFORMS.</p> <p>THIS PROJECT PROCURES JTIDS CLASS 2/2H TERMINALS FOR THE FOLLOWING USMC HOST PLATFORMS: TACTICAL AIR OPERATIONS MODULE (TAOM), ADVANCED TACTICAL AIR COMMAND CENTRAL (ATAACC), AND AIR DEFENSE COMMUNICATIONS PLATFORM (ADCP). THIS PROJECT ALSO PROCURES HARDWARE (INCLUDING GOVERNMENT FURNISHED PROPERTY (GFP)) REQUIRED TO INTEGRATE THE JTIDS CAPABILITY INTO THE TAOM AND THE ATACC.</p> <p>ACQUISITION OBJECTIVE (A/O): CLASS 2 TERMINALS = 25</p> <p>FY 95: 9 = 36% OF AO FY 96: 19 = 76% OF AO (INCLUDES 2 PRODUCTION UPGRADE KITS) FY 97: 24 = 96% OF AO (INCLUDES 3 PRODUCTION UPGRADE KITS) FY 98-01: 25 = 100% OF AO (INCLUDES 1 PRODUCTION UPGRADE KIT)</p> <p>FY 95-96 PROCUREMENT IN BLI 421300.</p>										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) RCN: 041693		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
JTIDS CLASS 2 TERMINAL	B					578,452	2	1157	
HIGH POWER AMPLIFIER GROUP (HPAG)						306,588	3	920	
PRODUCTION UPGRADE KIT FOR FSD TERMINAL									
CENTRAL SOFTWARE SUPPORT ACTIVITY/INTERMEDIATE SOFTWARE SUPPORT ACTIVITY								378	
SUPPORT COSTS								385	
Active Component								(2262)	
Reserve Component								(578)	
Initial Spares								(3811)	
TOTAL COST			0		0		0	2840	
BLI NR. 463200		P-1 SHOPPING LIST							
		ITEM NO. PAGE NO.							
		50 - 4							

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM
										RCN: 041693
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPEC AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
JTIDS CLASS 2 TERMINAL FY 97	GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA		USAF, ESC HANSCOM	JUN 97	JUN 99	2	578,452	YES	NO	N/A
PRODUCTION UPGRADE FOR FSD TERMINAL (CLASS 2) FY 97	GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA		USAF, ESC	JUN 97	JUN 99	3	306,588	YES	NO	N/A
REMARKS:										

"CODE B" ITEM DESCRIPTION		DATE				
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY						
P-1 ITEM NOMENCLATURE: JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM RCN: 041693						
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	OCT 1990 (1) OCT 1990 N/A				
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual	APR 1987 (2) APR 1987 N/A				
c. Operational Test & Evaluation (OT&E)	Plan/Actual	APR 1993 (3) APR 1993 N/A				
d. Available Date of Technical Data Package (TDP) Plan/Actual or Performance Specifications	Plan/Actual	MAR 1990 (4) MAR 1990 N/A				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: MAR 1995 (DAB III)						
3. EQUIPMENT ITEM(S) TO BE REPLACED: N/A						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: N/A						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
GEC-MARCONI	TOTOWA, NJ	CLASS 2 TERMINAL	\$ 4.6 \$	0.05 \$	0.05 \$	0.25
GEC-MARCONI	TOTOWA, NJ	CLASS 2 HPAG	\$ 2.7 \$	0 \$	0 \$	0
			\$ \$	\$ \$	\$ \$	\$
			\$ \$	\$ \$	\$ \$	\$
			\$ \$	\$ \$	\$ \$	\$
TOTAL RDT&E FUNDING			\$ 7.3 \$	0.05 \$	0.05 \$	0.25
REMARKS:						
(1) AUG 92 DEFENSE ACQUISITION EXECUTIVE SUMMARY (DAES): CLASS 2H (MCE) FIRST PSD TERMINAL DELIVERY.						
(2) AUG 92 DAES: CLASS 2 (F15) IOT&E COMPLETE.						
(3) AUG 92 DAES: COMPLETION DATE FOR JTIDS MULTI-SERVICE OT.						
(4) AUG 92 DAES: LRIP (LOT 1) CONTRACT AWARD.						
B/LI NR.	463200		P-1 SHOPPING LIST		EXHIBIT P-19	
ITEM NO.	50		PAGE NO.		6	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 3
TOTAL: 3

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 4
II MARINE EXPEDITIONARY FORCE: 4
III MARINE EXPEDITIONARY FORCE: 4
SELECTED MARINE CORPS RESERVE: 4
SUPPORT ESTABLISHMENT: 6
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 22

APPROVED ACQUISITION OBJECTIVE

25

50-7

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:	ITEM NAME: JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM		
ACQUISITION OBJECTIVE:	RCN: 041693		
A08837G	25		
ENDING INVENTORY 30 SEP 1993			
GAINS:	FY 1994	FY 1995	FY 1996
*FY BUDGET			
*OTHER			
TOTAL	0	0	0
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL	0	0	0
NET CHANGE (+/-)	0	0	0
ASSET POSITION:			
*STD SERVICEABLE	0	9	19
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL	0	9	19
\$M VALUE	\$ 0.7	\$ 5.7	\$ 12.6
% A/O ON HAND/FUNDED	0 %	36 %	76 %
			96 %
COMMENTS:			
FY 97 OTHER-QUANTITY ARE UPGRADES OF THREE FSD TERMINALS.			
FY 94-96 JTIDS EXHIBITS LOCATED AT BLI 421300.			
BLI NR. 463200	P-1 SHOPPING LIST	EXHIBIT P-20A	
ITEM NO. 50	PAGE NO. 8		
		FY 1996 RECOMMENDED BUY - QUANTITY:	M
		FY 1997 RECOMMENDED BUY - QUANTITY:	5
		VALUE:	2.8 M

BUDGET ACTIVITY: PROCUREMENT MARINE CORPS/BUDGET ACTIVITY: 4										P-1 ITEM NOMENCLATURE: JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM										DATE: 041693										RCN: 041693									
PROGRAM QUANTITY										FISCAL YEAR: 97										FISCAL YEAR: 98										FISCAL YEAR: 99									
ACC BAL										CV: 96										CALENDAR YEAR: 97										CALENDAR YEAR: 98									
PRIOR TO AS OF										FISCAL YEAR: 97										FISCAL YEAR: 98										FISCAL YEAR: 99									
FY 95										FY 96										FY 97										FY 98									
FY 99										FY 99										FY 99										FY 99									
U/M										U/M										U/M										U/M									
V										V										V										V									
NC										NC										NC										NC									
CL2 TERMINAL										CL2 TERMINAL										CL2 TERMINAL										CL2 TERMINAL									
GEC/ROCKWELL										GEC/ROCKWELL										GEC/ROCKWELL										GEC/ROCKWELL									
CL2 TERMINAL (RESERVES)*										CL2 TERMINAL (RESERVES)*										CL2 TERMINAL (RESERVES)*										CL2 TERMINAL (RESERVES)*									
GEC/ROCKWELL										GEC/ROCKWELL										GEC/ROCKWELL										GEC/ROCKWELL									
CL2 PRODUCTION UPGRADE										CL2 PRODUCTION UPGRADE										CL2 PRODUCTION UPGRADE										CL2 PRODUCTION UPGRADE									
GEC/ROCKWELL										GEC/ROCKWELL										GEC/ROCKWELL										GEC/ROCKWELL									
TOTALS										TOTALS										TOTALS										TOTALS									

SHEET 1

MANUFACTURER'S NAME & LOCATION		REACHED	
SEC. TOTOWA, NJ		MIN	MAXIMUM
ROCKWELL, CEDAR RAPIDS, IA		1	16
		1	16
		1	16
BLI NR. 463200			

P-1 SHOPPING LIST		P-1 SHOPPING LIST	
ITEM NO.	PAGE NO.	ITEM NO.	PAGE NO.
50	9		

PROCUREMENT LEAD TIME		TOTAL	
ADMIN LEAD TIME		MANU-FACTURING	TIME
PRIOR 1 OCT	8	1 OCT	32
AFTER 1 OCT	24		

REMARKS:	
*RESERVE LINE IS NON-ADDITIVE	

EXHIBIT P-21

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT)						
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		4		RCN: 144058						
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
COST (IN MILLIONS)	\$	0.0	0.0	4.8	9.0	9.0	3.6	0.0		
<p>The Data Automated Communications Terminal (DACT) program provides digital mapping, messaging, overlay, and related capabilities to Marine commanders and their staffs at all levels of command. They enable Marines to share a common picture of the battlefield throughout the task force, thereby allowing commanders to make more timely and effective decisions. This system uses the common core software of the Joint Maritime Command Information System and will allow Marines to share their views of the battlespace not only with each other, but their Navy and Coast Guard counterparts as well.</p> <p>THIS ITEM IS CODE B</p> <p>DACT ACQUISITION OBJECTIVE (A/O): 4124</p> <p>VEHICLE MOUNTED: 1,121</p> <p>HANDHELD: 3,003</p> <p>HAND HELD DACT: AO 3003</p> <p>FY97: 400 = 13% OF A/O</p> <p>FY98: 1201 = 40% OF A/O</p> <p>FY99-01: 3003 = 100% OF A/O</p>										
BLI NR. 463200		P-1 SHOPPING LIST							EXHIBIT P-40	
		ITEM NO. 50							PAGE NO. 10	

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT) (RCN: 144058)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION UNKNOWN		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
SUPPORT COSTS							391		
HANDHELD VERSION (COMPUTER)						10,913	400 4361		
TOTAL COST			0		0		0	4752	

EXHIBIT P-5

P-1 SHOPPING LIST
ITEM NO. 50
PAGE NO. 11

BLI NR. 463200

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE: DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT) RCN: 144058
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
HANDHELD	UNKNOWN	C/FFP	UNKNOWN	MAR 97	MAY 97	400	10,913	YES	NO	N/A
REMARKS:										
<div style="display: flex; justify-content: space-between;"> <div> BLI NR. 463200 </div> <div> P-1 SHOPPING LIST ITEM NO. 50 PAGE NO. 12 </div> <div> EXHIBIT P-5A </div> </div>										

"CODE B" ITEM DESCRIPTION						DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT)				
		RCN: 144124				
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	CURRENT	LAST REPORTED	SCHEDULE DATE	REASON FOR DELAY	
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual	SEP 1996				
c. Operational Test & Evaluation (OT&E)	Plan/Actual	SEP 1996				
d. Available Date of Technical Data Package (TDP) or Performance Specifications	Plan/Actual	SEP 1996				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:						
MARCH 1997						
3. EQUIPMENT ITEM(S) TO BE REPLACED:						
AN/PSC-2A DIGITAL COMMUNICATIONS TERMINAL (DCT)						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:						
OFFERS FOR MORE UTILITY AND OPERATIONAL USEFULNESS						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	CY (FY1995)	EY (FY1996)	BEYOND BY	
			\$ 0.17	\$ 1.169	\$ 3.3	
			\$	\$	\$	
			\$	\$	\$	
			\$	\$	\$	
			\$	\$	\$	
TOTAL RDT&E FUNDING			\$ 0.17	\$ 1.169	\$ 3.3	
REMARKS:						
ALL PY AND MOST FY95 RDT&E WAS MEP FUNDING.						
BLI NR. 463200		P-1 SHOPPING LIST		ITEM NO. PAGE NO.		EXHIBIT P-19
				50 - 13		

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 111
DEPOT MAINTENANCE FLOAT: 227
TOTAL: 338

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 1135
II MARINE EXPEDITIONARY FORCE: 1061
III MARINE EXPEDITIONARY FORCE: 420
SELECTED MARINE CORPS RESERVE: 1023
SUPPORT ESTABLISHMENT: 147
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 3786

APPROVED ACQUISITION OBJECTIVE

4124

50-14

ASSET DYNAMICS		DATE:																																																																																																																									
ITEM NAME: DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT)		RCN: 144058																																																																																																																									
TAMCN/DODIC:	A2534																																																																																																																										
ACQUISITION OBJECTIVE:	3003																																																																																																																										
<table border="1"> <thead> <tr> <th></th> <th>FY 1994</th> <th>FY 1995</th> <th>FY 1996</th> <th>FY 1997</th> </tr> </thead> <tbody> <tr> <td>ENDING INVENTORY</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>30 SEP 1993</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GAINS:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*FY BUDGET</td> <td></td> <td></td> <td></td> <td>400</td> </tr> <tr> <td>*OTHER</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>0</td> <td>0</td> <td>400</td> </tr> <tr> <td>LOSSES:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*COMBAT USMC</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*COMBAT ALLIES</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*PEACETIME</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*WASHOUT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SALES</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*OTHER</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>NET CHANGE (+/-)</td> <td>0</td> <td>0</td> <td>0</td> <td>400</td> </tr> <tr> <td>ASSET POSITION:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*STD SERVICEABLE</td> <td></td> <td></td> <td></td> <td>400</td> </tr> <tr> <td>*STD UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SUB SERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SUB UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>0</td> <td>0</td> <td>400</td> </tr> <tr> <td>\$M VALUE</td> <td>\$</td> <td>\$</td> <td>\$</td> <td>\$</td> </tr> <tr> <td>% A/O ON HAND/FUNDED</td> <td>0.0 %</td> <td>0.0 %</td> <td>0.0 %</td> <td>13 %</td> </tr> </tbody> </table>					FY 1994	FY 1995	FY 1996	FY 1997	ENDING INVENTORY					30 SEP 1993					GAINS:					*FY BUDGET				400	*OTHER					TOTAL	0	0	0	400	LOSSES:					*COMBAT USMC					*COMBAT ALLIES					*PEACETIME					*WASHOUT					*SALES					*OTHER					TOTAL	0	0	0	0	NET CHANGE (+/-)	0	0	0	400	ASSET POSITION:					*STD SERVICEABLE				400	*STD UNSERVICEABLE					*SUB SERVICEABLE					*SUB UNSERVICEABLE					TOTAL	0	0	0	400	\$M VALUE	\$	\$	\$	\$	% A/O ON HAND/FUNDED	0.0 %	0.0 %	0.0 %	13 %
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BLI NR. 463200		EXHIBIT P-20A																																																																																																																									

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					RCN: 0
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					RADIO SYSTEMS					
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
COST (IN MILLIONS)	\$	0.0	0.0	52.9	16.2	54.0	41.6	7.8		
This is a roll-up line which contains the following programs: AN/PSC-5 ENHANCED MANPACK SINGARS RADIOS SMART-T GROUND MOBILE FORCES										
		FY97	FY97	FY98	FY99	FY00	FY01			
		8.0	8.0	0	0	0	0			
		44.9	44.9	5.3	5.3	0	0			
		0	0	32.9	32.9	22.9	7.8			
		0	0	7.4	15.8	18.7	0			

BLI NR. 463300

P-1 SHOPPING LIST
 ITEM NO. 51 - PAGE NO.

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME RADIO SYSTEMS RCN: 0		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
AN/PSC-5 ENHANCED MANPACK TERMINAL (EMUT							8,006		
SINGGARS RADIOS							44,856		
Initial Spares			(1,146)		(1,278)		(2,023)		
TOTAL COST			0		0		52862		
BLI NR. 463300		P-1 SHOPPING LIST ITEM NO. 51		PAGE NO. 2		EXHIBIT P-5			

BUDGET ITEM JUSTIFICATION SHEET							DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) RCN: 41331					
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000
		0	0	125	0	0	0
COST (IN MILLIONS)	\$	0.0	0.0	8.0	0.0	0.0	0.0
<p>The AN/PSC-5 is a lightweight, manportable UHF satellite communications (SATCOM) terminal that will provide long-range single channel communications. The AN/PSC-5 incorporates the Demand Assigned Multiple Access (DAMA) protocol mandated by the Joint Staff; non-DAMA will not be allowed to communicate by satellite after 30 Sep 96. The AN/PSC-5 provides embedded Communications Security (COMSEC) and encrypted voice and data capabilities, ensuring multi-service interoperability with most existing and planned communications systems. In addition to voice and data, the AN/PSC-5 interfaces facsimile, teletype, NET radio Interface (NRI), and SINGGARS.</p> <p>ACQUISITION OBJECTIVE: 645</p> <p>FY 97: 645 = 100% OF AO</p>							
BLI NR. 463300		P-1 SHOPPING LIST					
		ITEM NO. 51					
		PAGE NO. 3					
		EXHIBIT P-40					

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION MAGNAVOX, RICHARDSON, TEXAS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
AN/PSC-5 (EMUT)	A0917					31,934	125	3992	
SPECIAL TEST EQUIP						823		26	
FACTORY TRAINING								33	
REMOTE CONTROL UNITS						11301	332	3752	
VEHICLE MOUNTS						11301	18	203	
TOTAL COST								8006	
BLI NR. 463300								EXHIBIT P-5	

P-1 SHOPPING LIST
 ITEM NO. 51
 PAGE NO. 4

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT)					
					RCN: 41331					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPEC AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
AN/PSC-5										
FY 97	MAGNAVOX 'RICHARDSON', TX	C/FPP/O	CECOM	DEC 96	APR 99	125	\$31,934	Y	N	
REMOTE CONTROL UNITS										
FY 97	MAGNAVOX	C/FPP/O	CECOM	DEC 96	SEP 97	332	\$11,301	Y	N	
VEHICLE MOUNTS										
FY 97	ROCKWELL	C/FPP/O	MARCORSYS	APR 96	SEP 97	18	\$11,301	Y	N	
REMARKS:										

BLI NR. 463300

P-1 SHOPPING LIST
 ITEM NO. 51
 PAGE NO. 5

EXHIBIT P-5A

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE: AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT)						DATE	
						RCN: 0							
1. CURRENT DEVELOPMENT AND TEST STATUS													
a. Developmental Test & Evaluation (DT&E) Plan/Actual						NDI						REASON FOR DELAY	
b. Initial Operational Test & Evaluation (IOT&E) Plan/Actual						MAR 95							
c. Operational Test & Evaluation (OT&E) Plan/Actual						OCT 92							
d. Available Date of Technical Data Package (TDP Plan/Actual or Performance Specifications)						S/W INTEGRATION							
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:												MAR 96*	
3. EQUIPMENT ITEM(S) TO BE REPLACED:												AN/PSC-3, LST-5C, AN/MRC-140	
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: The AN/PSC-5 will have DAMA protocol capability required for satellite access after 30 sep 96, improved COMSEC, reliability, and portability.													
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)													
CONTRACTOR NAME		PLANT LOCATION	COMPONENT	THROUGH PY (FY-2)	CY (FY-1)	BY (FY0)	BEYOND BY						
			\$	\$	\$	\$	\$						
			\$	\$	\$	\$	\$						
			\$	\$	\$	\$	\$						
			\$	\$	\$	\$	\$						
			\$	\$	\$	\$	\$						
TOTAL RDT&E FUNDING				\$	0	\$	0						
REMARKS: *ASU WILL BE BASED ON 1ST ARTICLE TEST COMPLETED IN MAR 95. ** AUTHORIZES THE INITIAL MATERIAL RELEASE OF THE RADIOS.													
BLI NR. 463300		P-1 SHOPPING LIST		ITEM NO. 51		PAGE NO. 51							
EXHIBIT P-19													

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: PSC-5

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 92
DEPOT MAINTENANCE FLOAT: 118
TOTAL: 210

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 151
II MARINE EXPEDITIONARY FORCE: 151
III MARINE EXPEDITIONARY FORCE: 109
SELECTED MARINE CORPS RESERVE: 22
SUPPORT ESTABLISHMENT: 2
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 435

APPROVED ACQUISITION OBJECTIVE

645

51-7

ASSET DYNAMICS		DATE:	
TAMCN/DODIC:	A0917	ITEM NAME:	AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT)
		RCN:	041311
ACQUISITION OBJECTIVE:	645		
ENDING INVENTORY			
GAINS:	30 SEP 1993	FY 1994	FY 1995
*FY BUDGET			
*OTHER			
TOTAL			
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL			
NET CHANGE (+/-)			
ASSET POSITION:			
*STD SERVICEABLE	80		
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL	80		
\$M VALUE	\$3.0		
% A/O ON HAND/FUNDED	12 %	12 %	67 %
COMMENTS:			
		FY 0 RECOMMENDED BUY - QUANTITY: \$ 440 VALUE: \$ 14.2 M	
		FY 1 RECOMMENDED BUY - QUANTITY: 125 VALUE: \$ 8.0 M	

EXHIBIT P-20A

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		SINGGARS								RCN: 043638
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.0	0.0	44.9	8.8	5.3	0.0	0.0	0.0	
The SINGGARS radio will replace all AN/PRC-77 manpack, Bancroft, and AN/VRC-12 family of vehicular radios currently in the Marine Corps inventory.										
The SINGGARS radio will be used as the primary means of communication for command and control as well as fire support on the battlefield. SINGGARS will be highly reliable with over 1250 hours mean time between failure (MTBF) and built-in test equipment will ease the workload. Frequency hopping capability offers low probability of intercept, while integrated COMSEC deletes the requirement for external communications security equipment.										
The SINGGARS radio is Code A. Acquisition Objective (AO) = 25390										
Prior Years 21519 = 85% of AO										
FY 97-01: 25390 = 100%										

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME SINGGARS RCN: 043638		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION ITT Fort Wayne, Indiana		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
SINGGARS						8,668	3871		
Ancillary Equipment							33,554		
Installation Kits							475		
Program Support							3,000		
Reliability Award Fee							5,000		
Warranty							2,352		
Consulting Services							100		
							375		
Initial Spares								(2,023)	
Active Component								(14,033)	
Reserve Component								(30,823)	
TOTAL COST									44856
BLI NR. 463300		P-1 SHOPPING LIST		ITEM NO. 51		PAGE NO. 12		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
SINGGARS										
RCN: 043638										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
SINGGARS FY 97	ITT, FORT WAYNE, IN FORT WAYNE INDIANA	FFP	CECOM	MAR 97	JUN 98	3871	8,668	YES	NO	N/A
REMARKS:										
UNIT COST DOES NOT INCLUDE NAVY CONSEC FUNDING.										
UNIT COST IS AN AVERAGE OF THE UNIT COST FOR VARIOUS CONFIGURATIONS OF THE SINGGARS RADIO.										
BLI NR. 463300										EXHIBIT P-5A
P-1 SHOPPING LIST										
ITEM NO. 51										PAGE NO. 13

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: SINGGARS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT:
DEPOT MAINTENANCE FLOAT:
TOTAL:

3795
1842
5637

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE:
II MARINE EXPEDITIONARY FORCE:
III MARINE EXPEDITIONARY FORCE:
SELECTED MARINE CORPS RESERVE:
SUPPORT ESTABLISHMENT:
NORWAY AIR LANDED BRIGADE:
TOTAL:

4276
3962
2089
3556
5870
0
19753

APPROVED ACQUISITION OBJECTIVE:

25390

51-14

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		COMMUNICATIONS SWITCHING & CONTROL SYSTEMS								
		RCN: 0								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
COST (IN MILLIONS)		\$	\$	\$	\$	\$	\$	\$		
		0	0	0	0	0	0	0	0	
		0.0	0.0	16.9	42.4	59.8	48.5	50.4		

This is a roll-up line which contains the following programs:

UNIT LEVEL CIRCUIT SWITCH	FY97	12.5	FY97
DIGITAL TECH CONTROL	FY98-FY01	0	
TACTICAL DATA NETWORK	FY98-FY01	0	
DEFENSE MESSAGE SYSTEM	FY97-FY01	4.4	

BLI NR. 463400	P-1 SHOPPING LIST		EXH
	ITEM NO. 52	PAGE NO. -	

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WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME COMMUNICATIONS SWITCHING & CONTROL SYSTEMS RCN: 0		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY TOTAL	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL
UNIT LEVEL CIRCUIT SWITCH									12,524
DEFENSE MESSAGE SYSTEM									4,398
Initial Spares			(458)		(17,752)				(2,880)
TOTAL COST			0		0				16922
BLI NR. 463400		P-1 SHOPPING LIST ITEM NO. 52		PAGE NO. 2				EXHIBIT P-5	

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		Unit Level Circuit Switch PIP						
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		4		RCN: 041063						
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	0
COST (IN MILLIONS)	\$	0.0 \$	0.0 \$	12.5 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$	0.0 \$

The Unit Level Circuit Switch (ULCS) System is a family of Tri-Service Tactical Communications digital voice and data switching equipment consisting of AN/TTC-42 (280 Line), and various digital telephones and multiplexers that provide an automatic secure telephone capability to the field. The ULCS system replaced the analog switching and terminal equipment including AN/TTC-38 and SB-3082.

The ULCS Product Improvement Program (ULCS PIP) will begin in FY-97. The ULCS PIP adds a variety of interoperability enhancements that improve the general usefulness and flexibility when employed in joint networks. These improvements include a line termination interface with the secure terminal unit (STU-III), the addition of a highly stable atomic timing standard to improve joint interoperability, increasing the capacity of the inter-nodal buffer to correct satellite delay problem, and a commercial office interface for the SB-3865.

MOD	INSTALLING AGENT	INSTALLATION	END ITEM/FACILITY
ULCS PIP	FIELD	BEGIN: NOV 98 END: DEC 98	AN/TTC-42, AUTOMATIC CENTRAL OFFICE TELEPHONE
	FIELD	BEGIN: NOV 98 END: DEC 98	SB-3865, AUTOMATIC TELEPHONE SWITCHBOARD

ACQUISITION OBJECTIVE (A/O): AN/TTC-42 = 61 SB-3865 = 425 TOTAL = 486

FY 96 AND PRIOR: AN/TTC-42: 0 = 0% OF AO SB-3865: 0 = 0% OF AO

FY 97: AN/TTC-42: 61 = 100% OF AO SB-3865: 425 = 100% OF AO

MODELS OF SYSTEMS AFFECTED: AN/TTC-42 Telephone Central & SB-3865 Tactical Switchboard

(\$ IN MILLIONS)

MODIFICATION TITLE	FY 1994	FY 1995	FY 1996	FY 1997
ULCS PIP				
AN/TTC-42 MOD KIT				5.446
SB-3865 MOD KIT				7.078
TOTAL				\$ 12.524

BLI NR. 463400

P-1 SHOPPING LIST
 ITEM NO. 52
 PAGE NO. 3

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME UNIT LEVEL CIRCUIT SWITCH (ULCS) RCN: 041063		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION TO BE DETERMINED		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ULCS PIP									
AN/TTC-42 Mod Kit						87,344	61		5,328
SB-3865 Mod Kit						16,377	425		6,960
NONRECURRING COSTS									
Technical Data									120
Supporting Equipment									26
Engineering									75
Travel									15
Initial Spares									
Active Component									(2,880)
Reserve Component									(10,280)
									(2,244)
TOTAL COST									12524
BLI NR. 463400									

EXHIBIT P-5

P-1 SHOPPING LIST
ITEM NO. 52
PAGE NO. 4

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										RCN: 041063
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4										
P-1 ITEM NOMENCLATURE: Unit Level Circuit Switch PIP										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
AN/TTC-42 MODIFICATION KIT										
FY-97	UNKNOWN	C/FCP-RPR	SYSCOM	JAN 97	OCT 97	61	87,344	NO	N/A	N/A
SB-3865 MODIFICATION KIT										
FY-97	UNKNOWN	C/FCP-RPR	SYSCOM	JAN 97	OCT 97	425	16,377	NO	N/A	N/A
REMARKS:										

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

Unit Level Circuit Switch Product Improvement Program (ULCS PIP)

MODELS OF SYSTEMS AFFECTED:

AN/TTC-42 Automatic Central Office Telephone

DESCRIPTION/JUSTIFICATION:

The ULCS PIP will add a range of capabilities to the ULCS family of circuit switches that provide improved joint/strategic interoperability and greater network flexibility. Included are a STU-III telephone interface, an atomic timing standard, and an increased number of commercial interfaces. The modification kits will consist of circuit card assemblies and a new revision of software.

DEVELOPMENTAL STATUS/

MAJOR DEVELOPMENT MILESTONES:

A contractor will be competitively selected to produce the modification components based on Government furnished prototypes and drawings.

FINANCIAL PLAN: (\$ in Millions)

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY

PROCUREMENT

Kit Quantity
 Installation Kits
 Install. Kits Nonrecurring
 Equipment
 Equipment Nonrecurring
 Engineering Change Orders
 Data
 Training Support
 Support Equipment
 Other
 Interim Contractor Support

61

61

0.000
 0.000
 5.328
 0.000
 0.000
 0.060
 0.000
 0.013
 0.045
 0.000

5.328

0.060

0.013

0.045

EXHIBIT P-3A INDIVIDUAL MODIFICATION

52-6

(FY 1995)	Eqpt (Kits)
(FY 1996)	Eqpt (Kits)
(FY 1997)	Eqpt (Kits)
(FY 1998)	Eqpt (Kits)
(FY 1999)	Eqpt (Kits)
(FY 2000)	Eqpt (Kits)
(TO COMP)	Eqpt (Kits)

	FY 1995		FY 1996		FY 1997		FY 1998		FY 1999		FY 2000		TO COMP		TOTAL	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
1.000	1	1.00	1	1.00	1	1.00	1	1.00	1	1.00	1	1.00	1	1.00	1	1.00
2.000	2	2.00	2	2.00	2	2.00	2	2.00	2	2.00	2	2.00	2	2.00	2	2.00
3.000	3	3.00	3	3.00	3	3.00	3	3.00	3	3.00	3	3.00	3	3.00	3	3.00
4.000	4	4.00	4	4.00	4	4.00	4	4.00	4	4.00	4	4.00	4	4.00	4	4.00
5.000	5	5.00	5	5.00	5	5.00	5	5.00	5	5.00	5	5.00	5	5.00	5	5.00
6.000	6	6.00	6	6.00	6	6.00	6	6.00	6	6.00	6	6.00	6	6.00	6	6.00
7.000	7	7.00	7	7.00	7	7.00	7	7.00	7	7.00	7	7.00	7	7.00	7	7.00
8.000	8	8.00	8	8.00	8	8.00	8	8.00	8	8.00	8	8.00	8	8.00	8	8.00
9.000	9	9.00	9	9.00	9	9.00	9	9.00	9	9.00	9	9.00	9	9.00	9	9.00
10.000	10	10.00	10	10.00	10	10.00	10	10.00	10	10.00	10	10.00	10	10.00	10	10.00
11.000	11	11.00	11	11.00	11	11.00	11	11.00	11	11.00	11	11.00	11	11.00	11	11.00
12.000	12	12.00	12	12.00	12	12.00	12	12.00	12	12.00	12	12.00	12	12.00	12	12.00
13.000	13	13.00	13	13.00	13	13.00	13	13.00	13	13.00	13	13.00	13	13.00	13	13.00
14.000	14	14.00	14	14.00	14	14.00	14	14.00	14	14.00	14	14.00	14	14.00	14	14.00
15.000	15	15.00	15	15.00	15	15.00	15	15.00	15	15.00	15	15.00	15	15.00	15	15.00
16.000	16	16.00	16	16.00	16	16.00	16	16.00	16	16.00	16	16.00	16	16.00	16	16.00
17.000	17	17.00	17	17.00	17	17.00	17	17.00	17	17.00	17	17.00	17	17.00	17	17.00
18.000	18	18.00	18	18.00	18	18.00	18	18.00	18	18.00	18	18.00	18	18.00	18	18.00
19.000	19	19.00	19	19.00	19	19.00	19	19.00	19	19.00	19	19.00	19	19.00	19	19.00
20.000	20	20.00	20	20.00	20	20.00	20	20.00	20	20.00	20	20.00	20	20.00	20	20.00
21.000	21	21.00	21	21.00	21	21.00	21	21.00	21	21.00	21	21.00	21	21.00	21	21.00
22.000	22	22.00	22	22.00	22	22.00	22	22.00	22	22.00	22	22.00	22	22.00	22	22.00
23.000	23	23.00	23	23.00	23	23.00	23	23.00	23	23.00	23	23.00	23	23.00	23	23.00
24.000	24	24.00	24	24.00												

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION: Field Installed

PRODUCTION LEAD-TIME: 9 MONTHS

CONTRACT DATES:

	FY 1996	FY 1997	JAN 97
--	---------	---------	--------

DELIVERY DATES:

FY 1996	FY 1997	OCT 97
---------	---------	--------

INSTALLING SCHEDULE:

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1	2	3	4	1	2	3	4
2	3	4	1	2	3	4	1
3	4	1	2	3	4	1	2
4	1	2	3	4	1	2	3
5	2	3	4	1	2	3	4
6	3	4	1	2	3	4	1
7	4	1	2	3	4	1	2
8	1	2	3	4	1	2	3
9	2	3	4	1	2	3	4
10	3	4	1	2	3	4	1
11	4	1	2	3	4	1	2
12	1	2	3	4	1	2	3
13	2	3	4	1	2	3	4
14	3	4	1	2	3	4	1
15	4	1	2	3	4	1	2
16	1	2	3	4	1	2	3
17	2	3	4	1	2	3	4
18	3	4	1	2	3	4	1
19	4	1	2	3	4	1	2
20	1	2	3	4	1	2	3
21	2	3	4	1	2	3	4
22	3	4	1	2	3	4	1
23	4	1	2	3	4	1	2
24	1	2	3	4	1	2	3
25	2	3	4	1	2	3	4
26	3	4	1	2	3	4	1
27	4	1	2	3	4	1	2
28	1	2	3	4	1	2	3
29	2	3	4	1	2	3	4
30	3	4	1	2	3	4	1
31	4	1	2	3	4	1	2
32	1	2	3	4	1	2	3
33	2	3	4	1	2	3	4
34	3	4	1	2	3	4	1
35	4	1	2	3	4	1	2
36	1	2	3	4	1	2	3
37	2	3	4	1	2	3	4
38	3	4	1	2	3	4	1
39	4	1	2	3	4	1	2
40	1	2	3	4	1	2	3
41	2	3	4	1	2	3	4
42	3	4	1	2	3	4	1
43	4	1	2	3	4	1	2
44	1	2	3	4	1	2	3
45	2	3	4	1	2	3	4
46	3	4	1	2	3	4	1
47	4	1	2	3	4	1	2
48	1	2	3	4	1	2	3
49	2	3	4	1	2	3	4
50	3	4	1	2	3	4	1
51	4	1	2	3	4	1	2
52	1	2	3	4	1	2	3
53	2	3	4	1	2	3	4
54	3	4	1	2	3	4	1
55	4	1	2	3	4	1	2
56	1	2	3	4	1	2	3
57	2	3	4	1	2	3	4
58	3	4	1	2	3	4	1
59	4	1	2	3	4	1	2
60	1	2	3	4	1	2	3
61	2	3	4	1	2	3	4
62	3	4	1	2	3	4	1
63	4	1	2	3	4	1	2
64	1	2	3	4	1	2	3
65	2	3	4	1	2	3	4
66	3	4	1	2	3	4	1
67	4	1	2	3	4	1	2
68	1	2	3	4	1	2	3
69	2	3	4	1	2	3	4
70	3	4	1	2	3	4	1
71	4	1	2	3	4	1	2
72	1	2	3	4	1	2	3
73	2	3	4	1	2	3	

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

52.7

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: Unit Level Circuit Switch Product Improvement Program (ULCS PIP)

MODELS OF SYSTEMS AFFECTED: SB-3865 Automatic Telephone Switchboard

DESCRIPTION/JUSTIFICATION: The ULCS PIP will add a range of capabilities to the ULCS family of circuit switches that provide improved joint/strategic interoperability and greater network flexibility. Included are a STU-III telephone interface, an atomic timing standard, and an increased number of commercial interfaces. The modification kits will consist of circuit card assemblies and a new revision of software.

DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES: A contractor will be competitively selected to produce the modification components based on Government furnished prototypes and drawings.

FINANCIAL PLAN: (\$ in Millions)

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
	\$	\$	\$	\$	\$	\$	\$	\$
Kit Quantity			425					425
Installation Kits								0.000
Install. Kits Nonrecurring								0.000
Equipment			6.960					6.960
Equipment Nonrecurring								0.000
Engineering Change Orders								0.000
Data			0.060					0.060
Training Support								0.000
Support Equipment			0.013					0.013
Other			0.045					0.045
Interim Contractor Support								0.000

PROCUREMENT

52-8

INSTALLATION OF HARDWARE

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY	\$	QTY	\$	QTY	\$	QTY	\$
(FY 1995) Eqpt (Kits)								0 0.000
(FY 1996) Eqpt (Kits)								0 0.000
(FY 1997) Eqpt (Kits)								0 0.000
(FY 1998) Eqpt (Kits)								0 0.000
(FY 1999) Eqpt (Kits)								0 0.000
(FY 2000) Eqpt (Kits)								0 0.000
(TO COMP) Eqpt (Kits)								0 0.000
TOTAL INSTALLATION COST	0	0.000	0	0.000	0	0.000	0	0.000
TOTAL PROCUREMENT COST		0.000	7.078	0.000	0.000	0.000		7.078

METHOD OF IMPLEMENTATION: Field Installed ADMIN LEAD-TIME: 3 MONTHS PRODUCTION LEAD-TIME: 9 MONTHS

CONTRACT DATES:

DELIVERY DATES:

INSTALLING SCHEDULE:

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

52-9

DATE _____

APPROPRIATION/BUDGET ACTIVITY:

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

P-1 ITEM NOMENCLATURE:

DEFENSE MESSAGE SYSTEM (DMS)

RCN: 144028

		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (IN MILLIONS)		\$ 0.0	\$ 0.0	\$ 4.4	\$ 4.5	\$ 4.7	\$ 4.8	\$ 4.9

The Defense Message System (DMS) consists of all hardware, software, procedures, and standards necessary to exchange messages electronically between organizations and individuals in the DoD. The vision of DMS is to provide secure, accountable and reliable messaging service. Using the Defense Information System Network (DISN) Infrastructure/Global Grid for worldwide connectivity, DMS provides value-added X.400 Messaging and X.500 Directory services for DoD organizations and individuals. DMS will be interoperable across multiple vendor platforms and centrally managed by DISA. DMS will replace the current AUTODIN system and will be implemented through the use of Marine Corps acquired computer hardware and software. Local area networks and wide area networks (LANS/WANS) will distribute both organizational and individual electronic messages.

BLI NR. 463400

P-1 SHOPPING LIST	
ITEM NO.	PAGE NO.

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME DEFENSE MESSAGE SYSTEM (DMS) RCN: 144028		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION LORAL FEDERAL SYSTEMS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
DEFENSE MESSAGE SYSTEM Hardware/Software							4,398		
TOTAL COST			0		0		4398		
BLI NR. 463400		P-1 SHOPPING LIST ITEM NO. 52		PAGE NO. 11		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										RCN: 144028
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
DEFENSE MESSAGE SYSTEM FY97	LORAL FED SYSTEMS	C/FFP	ITAC	JAN 97	FEB 97	VARIOUS	4,398,000	YES	NO	N/A
REMARKS:										

BLI NR. 463400

P-1 SHOPPING LIST
 ITEM NO. 52 PAGE NO. 12

EXHIBIT P-5A

BUDGET ITEM JUSTIFICATION SHEET									
APPROPRIATION/BUDGET ACTIVITY:				P-1 ITEM NOMENCLATURE:			DATE		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY				TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT			RCN: 144088		
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
		0	0	0	0	0	0	0	0
COST (IN MILLIONS)\$		0.0 \$	0.0 \$	53.6 \$	22.6 \$	16.1 \$	16.1 \$	15.6	

The Marine Corps ADP program is an aggregation of inter-related data processing disciplines. The overall objective is to achieve modernization and increase processing capacity, both of which are required to allow continued operation of existing automated information systems (AIS) and the implementation of new corporate information management (CIM) automated information systems to support all functional areas. The Marine Corps has a continuing need to upgrade its computer equipment and system software by replacement or augmentation in order to keep pace with user demands and changing technology.

1. NETWORKING INFRASTRUCTURE

The Marine Corps ADP support is comprised of several components including small system computer equipment, proprietary system software products, the Marine Corps-wide Standard Network Operating System, and mainframe connectivity. This support environment was revamped. For the foreseeable future, legacy system ADP support will be provided to the Fleet Marine Forces and supporting establishments by the Defense Mega-Center (DMC) in St. Louis, Missouri. This support structure emphasizes distributed computing capabilities in a client-server architecture. In addition, there is an ongoing requirement to maintain the Marine Corps enterprise network infrastructure to support DOD sponsored and Marine Corps unique client-server applications. Types of equipment purchased include routers for NIPRNET, SIPRNET, and DOD migration systems, high level security software (fire walls), network management software tools, file servers, and enterprise backup-restore software. This line was formerly identified as two separate lines (Regional Computing and System Software); the lines were consolidated to better accommodate emerging technology.

FY 94-96 PROCUREMENT IN BLI 494200.

FUNDING PROFILE

FY95	FY96	FY97
0	0	16,925

BLI NR. 463500

P-1 SHOPPING LIST	
ITEM NO.	PAGE NO.
53	1

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	4	P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: 144088						
<p>2. TACTICAL SYSTEM SUPPORT EQUIPMENT</p> <p>Required equipment and support for the Marine Corps Tactical System Support Activity efforts on Life Cycle Software Support (LCSS) for tactical systems. Investment items are essential to form the basis of software support for the Marine Corps tactical data systems that are fielded.</p> <p>FY 94-96 PROCUREMENT IN BLI 494200.</p>								
<p>FUNDING PROFILE</p> <table style="margin: auto;"> <tr> <td style="text-align: right;">FY95</td> <td style="text-align: right;">FY96</td> <td style="text-align: right;">FY97</td> </tr> <tr> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,187</td> </tr> </table>			FY95	FY96	FY97	0	0	1,187
FY95	FY96	FY97						
0	0	1,187						
BLI NR. 463500	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> P-1 SHOPPING LIST ITEM NO. 53 PAGE NO. 2 </div>							
EXHIBIT P-40								

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT	RCN: 144088						
<p>3. MANPOWER AND RESERVE AFFAIRS ADP</p> <p>This centrally managed program will replace outdaed ADP equipment. This program will buy a computer to run manpower math models in-house. Currently manpower pays teleprocessing fees to a vendor to operate these models. This program will also purchase compact disk read-only memory players that will transform documents from paper to electronic formats by providing read capability to the field</p> <p>FY 94-96 PROCUREMENT IN BLI 494200.</p>								
FUNDING PROFILE <table style="margin: auto;"> <tr> <td style="text-align: right;">FY95</td> <td style="text-align: right;">FY96</td> <td style="text-align: right;">FY97</td> </tr> <tr> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">191</td> </tr> </table>			FY95	FY96	FY97	0	0	191
FY95	FY96	FY97						
0	0	191						
BLI NR. 463500	P-1 SHOPPING LIST ITEM NO. 53 PAGE NO. 3							

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY:	P-1 ITEM NOMENCLATURE:							
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT	RCN: 144088						
<p>4. ELECTRONIC DATA INTERCHANGE (EDI)</p> <p>"Implementation of EDI in DoD" calls for an aggressive program to implement EDI in the next five years. EDI is the automated exchange of electronic forms, instead of paper. Through EDI, the Marine Corps' basic business systems can be modernized, procedural bottlenecks corrected, and overhead costs reduced. This initiative would cover the costs of the computer and software necessary to transmit information electronically.</p> <p>FY 94-96 PROCUREMENT IN BLI 494200.</p>								
<p>FUNDING PROFILE</p> <table> <tr> <td>FY95</td> <td>FY96</td> <td>FY97</td> </tr> <tr> <td>0</td> <td>0</td> <td>75</td> </tr> </table>			FY95	FY96	FY97	0	0	75
FY95	FY96	FY97						
0	0	75						
BLI NR.	463500	EXHIBIT P-40						
<p>P-1 SHOPPING LIST</p> <table> <tr> <td>ITEM NO.</td> <td>PAGE NO.</td> </tr> <tr> <td>53</td> <td>4</td> </tr> </table>		ITEM NO.	PAGE NO.	53	4			
ITEM NO.	PAGE NO.							
53	4							

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT	RCN: 144088
<p>5. OPTICAL DIGITAL IMAGING (ODI-RMS)</p> <p>Provides the Marine Corps the ability to process, store, and retrieve official military personnel files for all active and reserve Marines in an Optical Digital Imaging (ODI) format. The use of this advanced technology will reduce the current cost of maintaining these records, virtually eliminate their loss, and provide multiple users simultaneous access. An initial investment of \$5M in PMC (in addition to an increase of \$3M over the current O&MMC level of funding) in this ODI technology will save approximately \$46M in operating expenses over a 10-year life cycle.</p> <p>FY 94-96 PROCUREMENT IN BLI 494200.</p>		

FUNDING PROFILE

FY95	FY96	FY97
0	0	851

BLI NR. 463500	P-1 SHOPPING LIST ITEM NO. 53 PAGE NO. 5
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BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT	RCN: 144088						
<p>6. JOINT RECRUITING INFORMATION SUPPORT SYSTEMS (JRISS)</p> <p>JRISS will automate all business processes associated with recruiting from high level mission planning at the headquarters to prospecting at the canvassing recruiter level. Some of the benefits include one-time data entry, forms generation, automated activity reporting, Delayed Entry Program (DEP) tracking, enlistment criteria expert system, electronic distribution of leads, and electronic interface with MEPS, other services, and relevant outside agencies. JRISS will be a joint system with all services sharing standardized data definitions in a distributed database. JRISS service specific front-end user interfaces will support the unique recruiting practices of each armed service.</p> <p>FY 94-96 PROCUREMENT IN BLI 494200.</p>								
FUNDING PROFILE <table style="margin: auto;"> <tr> <td style="text-align: right;">FY95</td> <td style="text-align: right;">FY96</td> <td style="text-align: right;">FY97</td> </tr> <tr> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">8,627</td> </tr> </table>			FY95	FY96	FY97	0	0	8,627
FY95	FY96	FY97						
0	0	8,627						
BLI NR. 463500	P-1 SHOPPING LIST ITEM NO. 53 PAGE NO. 6							

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT	RCN: 144088						
<p>7. ASSET TRACKING LOGISTICS AND SUPPLY SYSTEM (ATLASS)</p> <p>ATLASS involves the migration of Marine Corps intermediate and consumer level supply and maintenance systems in a personal computer application, in a networked client-server environment, using a Graphical User Interface (GUI) and a shared database. This system will dramatically improve access to supply and maintenance functions at all levels, and fill critical operational requirements for a deployable, integrated supply and maintenance system.</p>								
<p>FUNDING PROFILE</p> <table> <tr> <td>FY95</td> <td>FY96</td> <td>FY97</td> </tr> <tr> <td>0</td> <td>0</td> <td>5,368</td> </tr> </table>			FY95	FY96	FY97	0	0	5,368
FY95	FY96	FY97						
0	0	5,368						
BLI NR. 463500	P-1 SHOPPING LIST ITEM NO. 53 - PAGE NO. 7							
EXHIBIT P-40								

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: 144088								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4								
8. TELEPHONE SWITCHING SYSTEM Provides funding to upgrade and replace telephone systems at Marine Corps bases and stations. Upgrading is accomplished to maintain the software level required for vendor support, expand the system, and to add new capability such as voice mail, automated attendant, and data switching. Replacement is accomplished when telephone switches are technologically obsolete, are no longer logistically supportable, or are not capable of being expanded to meet requirements. FY 94-96 PROCUREMENT IN BLI 644400.								
FUNDING PROFILE <table style="margin: auto;"> <tr> <td style="text-align: right;">FY95</td> <td style="text-align: right;">FY96</td> <td style="text-align: right;">FY97</td> </tr> <tr> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">9,372</td> </tr> </table>			FY95	FY96	FY97	0	0	9,372
FY95	FY96	FY97						
0	0	9,372						
BLI NR. 463500	P-1 SHOPPING LIST ITEM NO. 53 PAGE NO. 8							
EXHIBIT P-40								

BUDGET ITEM JUSTIFICATION SHEET		DATE						
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: 144088						
4								
<p>9. TRANSMISSION SYSTEMS</p> <p>Provides funding to acquire and install the systems which are used to transport voice, data, images, and video aboard Marine Corps bases and stations. Transmission systems also provide the capability to access worldwide DISN networks including the Nonsecure Internet Protocol Network (NIPRNET), Secret Internet Protocol Network (SIPRNET), Defense Switched Network (DSN), Joint Warfighter Intelligence Communications System (JWICS), Defense Message System (DMS), Global Command and Control System (GCCS), and tactical systems in support of the Fleet Marine Forces. Equipment includes fiber optic systems, copper cables, and multiplexors including Synchronous Optical Network (SONET) technology and Asynchronous Transfer Mode (ATM) switches.</p> <p>FY 94-96 PROCUREMENT IN BLI 644400.</p>								
<p>FUNDING PROFILE</p> <table border="1"> <tr> <td>FY95</td> <td>FY96</td> <td>FY97</td> </tr> <tr> <td>0</td> <td>0</td> <td>11,020</td> </tr> </table>			FY95	FY96	FY97	0	0	11,020
FY95	FY96	FY97						
0	0	11,020						
BLI NR. 463500	<p>P-1 SHOPPING LIST</p> <table border="1"> <tr> <td>ITEM NO.</td> <td>PAGE NO.</td> </tr> <tr> <td>53</td> <td>9</td> </tr> </table>		ITEM NO.	PAGE NO.	53	9		
ITEM NO.	PAGE NO.							
53	9							
EXHIBIT P-40								

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: 144088		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	TOTAL COST
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		
NETWORKING INFRASTRUCTURE									16925
TACTICAL SYSTEMS SUPPORT									1187
M&RA ADP									191
EDI									75
ODI-RMS									851
JRISS									8627
ATLASS									5368
TELEPHONE SWITCHING SYSTEM									9372
TRANSMISSION SYSTEM									11020
TOTAL COST			0		0		0		53616
BLI NR. 463500		P-1 SHOPPING LIST		ITEM NO. 53		PAGE NO. 10		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT
										RCN: 144088
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
1. NETWORKING INFRASTRUCTURE FY97	UNKNOWN	C/FFP	SYSCOM	JAN 97	MAR 97	VARIOUS	16,925,000*	YES	NO	N/A
2. TACTICAL SYSTEM SUPPORT EQUIPMENT FY 97	UNKNOWN	C/FFP	MCB CAMPEN	JAN 97	APR 97	VARIOUS	1,187,000*	YES	NO	N/A
3. M&RA ADP FY 97	UNKNOWN	C/FFP	LBC	JAN 97	MAY 97	VARIOUS	191,000*	YES	NO	N/A
4. EDI FY 97	UNKNOWN	C/FFP	LBC	JAN 97	MAR 97	VARIOUS	75,000*	YES	NO	N/A
5. ODI-RMS FY 97	UNKNOWN	C/FFP	LBC	JAN 97	MAR 97	VARIOUS	851,000*	YES	NO	N/A
6. JRISS FY 97	UNKNOWN	C/FFP	ARMY	JAN 97	APR 97	VARIOUS	8,627,000*	YES	NO	N/A
7. ATLASS FY 97	UNKNOWN	C/FFP	LBC	JAN 97	APR 97	VARIOUS	5,368,000*	YES	NO	N/A
8. TELEPHONE SWITCHING SYSTEMS FY 97	GTE, CHANTILLY, VA UNKNOWN	C/FFP C/FFP	ARMY/MTMP USMC	JAN 97 JAN 97	APR 97 MAR 97	1 1	9,014,000 358,000	YES YES	NO NO	N/A N/A
9. TRANSMISSION SYSTEMS FY 97	GTE, CHANTILLY, VA GTE, CHANTILLY, VA	C/FFP C/FFP	ARMY/MTMP ARMY/MTMP	JAN 97 JAN 97	MAR 97 MAR 97	1 1	10,854,000 166,000	YES YES	NO NO	N/A N/A
REMARKS:										
* Various items are purchased for these programs. Unit cost represents total cost for the program.										

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BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MODIFICATION KITS (MAGTF C4I)								
		RCN: 147239								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.0	0.0	43.4	2.1	7.4	5.8	10.5		
<p>Modifications programmed and budgeted under this line are for the purpose of correcting equipment deficiencies noted after new items are fielded or to increase operational capabilities of non-telecommunications end items previously fielded.</p> <p>This funding profile includes radar modifications which improve mean time between failure rates and enhance performance characteristics. The Direct Air Support Central (DASC) Product Improvement Program (PIP) is a non-developmental effort which will incorporate selected automation and existing hardware from the AN/TSQ-155(V), Improved Direct Air Support Central (IDASC), and the OE-334 Antenna Coupler Group into lightweight, highly mobile shelters. Improved capabilities include automated interfaces to the Digital Communications Terminal (DCT), Advanced Tactical Air Command Central (ATACC), Position Location Reporting System (PLRS), Advanced Field Artillery Tactical Data System (AFATDS), and Tactical Combat Operations (TCO). The COMSEC Cable line is in support of various security systems being fielded including the KY-99 MINTERM, the Electronic Key Management System, the Data Transfer Device, and the STU-III. COMSEC cables will interface with various communications devices to include radios, switches, and computers and will provide secure transmissions at all times.</p>										
MOD		INSTALLATION AGENT		INSTALLATION						
AN/TPS-59 RADAR MOD (97)		FIELD		BEGIN SEP 98/END APR 99						
IDASC PIP		FIELD		BEGIN OCT 93/END SEP 97						
IDASC PIP		FIELD		BEGIN OCT 95/END SEP 97						

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY:	P-1 ITEM NOMENCLATURE:	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	MODIFICATION KITS (MAGTF C4I)	RCN: 147239
<p>MODELS OF SYSTEMS AFFECTED: MODIFICATION KITS (MAGTF C4I)</p> <p>MODIFICATION TITLE</p> <p>AN/TPS-59 - TACTICAL BALLISTIC MISSILE DEFENSE</p> <p>COMSEC CABLES</p> <p>DASC MOD</p> <p>TOTAL</p> <p>(\$ IN MILLIONS)</p> <p>FY 1997</p> <p>38.774</p> <p>0.553</p> <p>4.091</p> <p>\$ 43.418</p>		

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MODIFICATION KITS (MAGTF C4I) 147239		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
AN/TPS-59 ECPS	B					4,788,898	7 33522		
AN/TPS-59 Tactical Missile Defense (TMD) Modification Kit									
Production Upgrade Kits						1,231,238	2 2462		
Travel									
Government Support									
ILS Data									
SUBTOTAL AN/TPS-59							38774		
COMSEC CABLES									
Contractor Support									
Travel									
New Equipment Training									
SUBTOTAL COMSEC CABLES							553		
TOTAL COST									
BLI NR. 463600									

EXHIBIT P-5

P-1 SHOPPING LIST
ITEM NO. 54 - PAGE NO. 3

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MODIFICATION KITS (MAGTF C4I) RCN: 147239		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DASC (OPS SHELTER) Downsizing PIP									
DASC AUTOMATION PIP									
SUPPORT COSTS: Hardware Engineering Drawings Tests Tech Data Factory Training Software Engineering									
SUBTOTAL DASC									
Initial Spares									
Active Component									
Reserve Component									
TOTAL COST									
BLI NR. 463600									

P-1 SHOPPING LIST	
ITEM NO.	PAGE NO.
54	4

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					MODIFICATION KITS (MAGTF C4I)					
4					RCN: 147239					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
AN/TPS-59 TMD KITS FY 97	MM CORP SYRACUSE, NY	FFP	SYSCOM	FEB 97	SEP 98	7	4,788,898	YES	NO	N/A
PRODUCTION UPGRADE KITS	MM CORP SYRACUSE, NY	FFP	SYSCOM	FEB 97	SEP 98	2	1,231,238	YES	NO	N/A
DASC (OPS SHELTER) FY 97	NSWC CRANE, IN	C/FFPO	NSWC CRANE	OCT 96	FEB 97	10	224,227	YES	NO	N/A
DASC AUTOMATION FY 97	NSWC CRANE, IN	C/FFPO	SYSCOM	OCT 96	JAN 97	12	139,727	YES	NO	N/A
COMSEC CABLES FY 97	TRACOR CHESAPEAKE, VA	MIPR	NISE EAST	MAR 97	JAN 98	VARIOUS	553,000*	YES	NO	N/A
REMARKS: *DASC: Unit cost includes downsized shelters, rapid assembly tents, cables, and integration costs. COMSEC CABLES: Unit cost represents total dollar amount. Five different cables and various quantities are being purchased on one contract.										
BLI NR. 463600					P-1 SHOPPING LIST			EXHIBIT P-5A		
					ITEM NO. 54			PAGE NO. 5		

"CODE B" ITEM DESCRIPTION		DATE				
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: MODIFICATION KITS (MAGTF C4I) TPS-59 RADAR RCN: 147239				
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Test Readiness Review	Plan/Actual	Feb 95	Feb 95			
b. Formal Qualification Test	Plan/Actual	Mar 95	Mar 95			
c. Physical/Functional Configuration Audit	Plan/Actual	Jan 95	Jan 95			
d. Develop Test/Operational Test	Plan/Actual	Dec 95	Dec 95			
e. Milestone III	Plan/Actual	Sep 96	Sep 96			
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:		Sep 96				
3. EQUIPMENT ITEM(S) TO BE REPLACED:						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:						
INCREASED RECEIVER SENSITIVITY						
IMPROVED RELIABILITY						
REDUCED TRANSPORTATION REQUIREMENTS						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
MARTIN MARIETTA	SYRACUSE, NY		\$ 10.4	\$	\$	3.6
PROGRAM SUPPORT	QUANTICO, VA		\$	\$ 0.1	\$ 0.5	0.5
			\$	\$	\$	
			\$	\$	\$	
			\$	\$	\$	
TOTAL RDT&E FUNDING			\$ 10.4	\$ 0.1	\$ 0.5	4.1
REMARKS: R&D EFFORT FUNDED PRIMARILY BY BALLISTIC MISSILE DEFENSE OFFICE.						
BLI NR. 463600		P-1 SHOPPING LIST		EXHIBIT P-19		
		ITEM NO. 54		PAGE NO. 6		

AN/TPS-59 RADAR SYSTEM

DESCRIPTION/JUSTIFICATION:

This modification is to correct deficiencies identified by the fleet and procure minor improvements to the AN/TPS-59 radar set.

DEVELOPMENTAL STATUS/

MAJOR DEVELOPMENT MILESTONES:

The ECPs have been submitted and approved. TMD Upgrade has CDR scheduled for 3rd Qtr FY 94, DT/OT for 2nd Qtr FY 96, and Milestone III Decision for 4th Qtr FY 96.

FINANCIAL PLAN: (\$ in Millions)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
		9		11	11	42	
		35.984		4.448	3.953	9.351	53.736
							0.000
							0.000
							0.000
							0.000
		2.440	0.798		0.500		3.738
							0.000
							0.000
		0.350	0.264		0.096		0.710
							0.000

PROCUREMENT

Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

EXHIBIT P-3A INDIVIDUAL MODIFICATION

54.7

(FY 1995)	Eqpt	(Klts)
(FY 1996)	Eqpt	(Klts)
(FY 1997)	Eqpt	(Klts)
(FY 1998)	Eqpt	(Klts)
(FY 1999)	Eqpt	(Klts)
(FY 2000)	Eqpt	(Klts)
(TO COMP)	Eqpt	(Klts)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
0 0.000	0 0.000	0 0.000	0 0.000	0 0.000	0 0.000	0 0.000	0 0.000
0.000	0.000	38.774	1.062	4.448	4.549	9.351	0 58.184

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION: Field Install

ADMIN LEAD-TIME: 4 MONTHS

PRODUCTION LEAD-TIME: 19 MONTHS

CONTRACT DATES:

DELIVERY DATES:

INSTALLING SCHEDULE:

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

54-8

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: COMSEC Cables

MODELS OF SYSTEMS AFFECTED: EKMS, DTD, STU III, KY-68, KY-99

DESCRIPTION/JUSTIFICATION: Cables procured will interface the above listed systems with various transmission systems, to include MRC-138, GRC-193, AAVC7, and LAV-AD.

DEVELOPMENTAL STATUS/
MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN: (\$ in Millions)

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
Kit Quantity	2935							26415
Installation Kits	0						0	0
Install. Kits Nonrecurring	0.478			0.965	1.000	1.040	1.100	4.583
Equipment								0.000
Equipment Nonrecurring	0.022			0.057	0.043	0.067	0.044	0.233
Engineering Change Orders								0.000
Data	0.053			0.062	0.053	0.034	0.017	0.219
Training Support								0.000
Support Equipment								0.000
Other								0.000
Interim Contractor Support								0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

54-9

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits)
 (FY 1996) Eqpt (Kits)
 (FY 1997) Eqpt (Kits)
 (FY 1998) Eqpt (Kits)
 (FY 1999) Eqpt (Kits)
 (FY 2000) Eqpt (Kits)
 (TO COMP) Eqpt (Kits)

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

0.553 0 1.084 0 1.096 0 1.141 0 1.161 0 5.035

METHOD OF IMPLEMENTATION: Field Installed

ADMIN LEAD-TIME: 5 MONTHS

PRODUCTION LEAD-TIME: 10 MONTHS

CONTRACT DATES:

FY 1996 _____ FY 1997 MAR 97

DELIVERY DATES:

FY 1996 _____ FY 1997 JAN 98

INSTALLING SCHEDULE:

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

54-10

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: DIRECT AIR SUPPORT CENTRAL (DASC) PRODUCT IMPROVEMENT PROGRAM (PIP)

MODELS OF SYSTEMS AFFECTED: AN/TSQ-155V IMPROVED DASC (IDASC) OE-334 ANTENNA COUPLER GROUP

DESCRIPTION/JUSTIFICATION:

Equipment procured under this effort will be modular and allow the system to be task organized and operated in the downsized AN/TSQ-155(V) and OE-334 Antenna Coupler Group shelters or external to the DASC operations shelters. Improved capabilities include automated interfaces to the DCT, ATACC, PLRS, AFATDS, and TCO.

DEVELOPMENTAL STATUS/

MAJOR DEVELOPMENT MILESTONES:

Prototype hardware and software will undergo analysis and modification at Marine Corps Tactical Systems Support Activity and Naval Surface Warfare Center, Crane, Indiana.

FINANCIAL PLAN: (\$ in Millions)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$

PROCUREMENT

Kit Quantity
 Installation Kits
 Install. Kits Nonrecurring
 Equipment
 Equipment Nonrecurring
 Engineering Change Orders
 Data
 Training Support
 Support Equipment
 Other
 Interim Contractor Support

22

22

0.000
 0.000
 0.000
 3.919
 0.000
 0.008
 0.035
 0.000
 0.129
 0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

54-11

FY 1995		FY 1996		FY 1997		FY 1998		FY 1999		FY 2000		TO COMP		TOTAL	
QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
(FY 1996) Eqpt (Kits)																
(FY 1997) Eqpt (Kits)																
(FY 1998) Eqpt (Kits)																
(FY 1999) Eqpt (Kits)																
(FY 2000) Eqpt (Kits)																
(TO COMP) Eqpt (Kits)																

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION: Field Install ADMIN LEAD-TIME: _____ MONTHS PRODUCTION LEAD-TIME: 4 MONTHS

CONTRACT DATES:

FY 1996 _____ FY 1997 _____ OCT 96

DELIVERY DATES:

FY 1996 _____ FY 1997 _____ FEB 97

INSTALLING SCHEDULE:

FY 1995		FY 1996		FY 1997		FY 1998		FY 1999		FY 2000		TOTAL			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

54-12

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		ITEMS LESS THAN \$2 MILLION (MAGTF C4I)								RCN: 949509
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY										
COST (IN MILLIONS)	\$	0	\$ 0	\$.3	\$.3	\$.3	\$.3	\$.3	0.3	

This is a roll-up line which at various times contains many different and unrelated items of equipment for which the annual procurement is less than \$2 Million each. The funds included in this budget line allow procurement of the following items:

* Joint Communications Support Element (JCSE) equipment modernization. This effort funds the Marine Corps share of efforts to keep the JCSE equipped with the latest state-of-the-art equipment to accomplish its Joint Staff Mission.

All of these items are Code A.

BLI NR. 463700

P-1 SHOPPING LIST
 ITEM NO. 55 PAGE NO. 1

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)					
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (MAGTF C4I) RCN: 949509	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	D. DATE		
	FY 1995 UNIT COST QTY TOTAL COST	FY 1996 UNIT COST QTY TOTAL COST	FY 1997 UNIT COST QTY TOTAL COST		
UCSE Modernization A		VARIIOUS	301		
TOTAL COST			301		
BLI NR.	463700	PAGE NO. 55	EXHIBIT P-5		

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										ITEMS LESS THAN \$2 MILLION (MAGTF C4I)
										RCN: 949509
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQD	IF YES WHEN AVAIL
JCSE MODERNIZATION FY97	VARIOUS	VARIOUS	USMC	VARIOUS	VARIOUS	VARIOUS	301	YES	N/A	N/A
REMARKS: Unit cost reflects total cost in thousands. Many different items are being procured.										

B/LI NR.	463700
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P-1 SHOPPING LIST	
ITEM NO.	PAGE NO.
55	3

EXHIBIT P-5A

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P-1 SHOPPING LIST

ITEM NO.

55

PAGE NO.

1

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MODIFICATION KITS (OTHER)								
		RCN: 147239								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.0	0.0	4.1	2.6	0.0	0.0	0.0	0.0	
<p>Modifications programmed and budgeted under this line are for the purpose of correcting equipment deficiencies or to increase the operational capabilities of previously fielded end items.</p> <p>This funding profile includes TOW sight modifications to bring various configurations of the UAS-12 series of sights into a single configuration and to provide countermeasure protection to the gunners and equipment.</p>										
MOD TITLE		INSTALLATION AGENT		INSTALLATION						
		-----		-----						
TOW NIGHT SIGHT MOD (97)		DEPOT		BEGIN OCT 97/END MAR 99						
		-----		-----						

BLI NR. 463800

P-1 SHOPPING LIST
 ITEM NO. 56
 PAGE NO. 1

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY:		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	4	P-1 ITEM NOMENCLATURE: MODIFICATION KITS (OTHER)
		RCN: 147239
MODELS OF SYSTEMS AFFECTED: AN/UAS-12A, AN/UAS-12C, AND AN/UAS-12D NIGHT VISION EQUIPMENT SETS		
(\$ IN MILLIONS)		
MODIFICATION TITLE	FY 1997	
-----	-----	
TOW SIGHT MODS	\$4.053	
BLI NR. 463800		P-1 SHOPPING LIST ITEM NO. 56 PAGE NO. 2
		EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MODIFICATION KITS (OTHER) RCN: 147239		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
TOW SIGHT MOD PROGRAM									
Operator Selectable Filter Switch (OSF)	A					3025	326		986
Optical Improvement/Operator Selectable Filter Kit (OI/OSF)	A					23235	132		3067
TOTAL COST								0	4053

BLI NR. 463800

P-1 SHOPPING LIST
 ITEM NO. 56 - PAGE NO. 3

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					MODIFICATION KITS (OTHER)					
					RCN: 147239					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
TOW SIGHT MOD -----										
OPERATOR SELECTABLE FILTER SWITCH (OSF) FY 97	UNKNOWN	C/FFP	MICOM	DEC 96	DEC 97	326	3,025	YES	NO	NA
OPTICAL IMPROVEMENT/ OPERATOR SELECTABLE FILTER KIT (OI/OSF) FY 97	UNKNOWN	C/FFP	MICOM	DEC 96	DEC 97	132	23,235	YES	NO	NA
REMARKS: Program consists of two types of mod kits: the OSF kit installs a filter wheel to defeat countermeasure threat and the OI/OSF mod kit provides improved mirrors, prisms, lenses, and detectors as well as the OSF mod to provide more accurate observation and target tracking.										

BLI NR. 463800	P-1 SHOPPING LIST		EXHIBIT P-5A
	ITEM NO. 56	PAGE NO. 4	

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

TOW SIGHT MODIFICATIONS FOR THE UAS-12 SERIES OF SIGHTS

MODELS OF SYSTEMS AFFECTED:

AN/UAS-12A, AN/UAS-12C, AND AN/UAS-12D NIGHT VISION EQUIPMENT SETS

DESCRIPTION/JUSTIFICATION:

THIS MODIFICATION PROGRAM BRINGS EXISTING NIGHT SIGHTS INTO A SINGLE CONFIGURATION WHICH IS COMPATIBLE WITH NEW PRODUCTION SIGHTS. THE PROGRAM CONSISTS OF TWO MOD KITS: THE OPERATOR SELECTABLE FILTER (OSF) KIT AND THE OPTICAL IMPROVEMENT/OPERATOR SELECTABLE FILTER (OI/OSF) KIT. THE OSF KIT PROVIDES COUNTER-MEASURE PROTECTION BY MEANS OF A FILTER WHEEL AND MULTIPLE FILTERS. THE OI/OSF KIT UPGRADES THE ORIGINAL SIGHTS INTO THE MOST CURRENT CONFIGURATION WITH IMPROVED MIRRORS, PRISMS, LENSES, AND DETECTORS, AS WELL AS THE OSF MOD.

DEVELOPMENTAL STATUS/

MAJOR DEVELOPMENT MILESTONES:

N/A

FINANCIAL PLAN: (\$ in Millions)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COME	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$

PROCUREMENT

Kit Quantity
 Installation Kits
 Install. Kits Nonrecurring
 Equipment
 Equipment Nonrecurring
 Engineering Change Orders
 Data
 Training Support
 Support Equipment
 Other
 Interim Contractor Support

458

4.053

458

4.053
 0.000
 0.000
 0.000
 0.000
 0.000
 0.000
 0.000
 0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

56-5

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits)
 (FY 1996) Eqpt (Kits)
 (FY 1997) Eqpt (458 Kits)
 (FY 1998) Eqpt (Kits)
 (FY 1999) Eqpt (Kits)
 (FY 2000) Eqpt (Kits)
 (TO COMP) Eqpt (Kits)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$
0 0.000	0 0.000	0 0.000	458 2.638	0 0.000	0 0.000	0 0.000	0 0.000
0.000	0.000	4.053	2.638	0.000	0.000	0.000	6.691

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION DEPOT INSTALLED ADMIN LEAD-TIME: 2 MONTHS PRODUCTION LEAD-TIME: 12 MONTHS

CONTRACT DATES:

DELIVERY DATES:

FY 1996 FY 1997 DEC 96
 FY 1996 FY 1997 DEC 97

INSTALLING SCHEDULE:

INPUT

OUTPUT

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
115 115 114 114	115 115 114 114	115 115 114 114	115 115 114 114	115 115 114 114	115 115 114 114	115 115 114 114

EXHIBIT P-3A INDIVIDUAL MODIFICATION

56-6

BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

P-1 ITEM NOMENCLATURE:

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

4

ITEMS LESS THAN \$2 MILLION (OTHER)

RCN:

QUANTITY	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
	0	0	0	0	0	0	0
COST (IN MILLIONS)	\$ 0.0	\$ 0.0	\$ 2.6	\$ 2.8	\$ 2.6	\$ 3.1	\$ 3.0

This is a roll-up line which contains many different items of equipment for which the annual procurement is less than \$2 million each. These items are required to support the telecommunications mission area and to support the General Purpose Electronic Test Equipment (GPETE), Special Purpose Test Equipment (SPTTE), General Purpose Mechanical Test Equipment (GPMTE), and infantry weapons gauges used to maintain Marine Corps weapons systems.

The funds included in this budget line procure the following items:

- Power supply equipment which provides direct current (DC) voltage from an alternating voltage (AC) power source. This enables communication equipment to operate without using batteries. It also provides DC voltage to aid in the maintenance of electronic equipment.
- Tools, sets, kits, and chests (TSK&C) include general purpose tools and support items used for the installation, operation, and maintenance of communication equipment.
- Electronic Test, Measurement, and Diagnostic Equipment (TMDE) Repair Facility.
- Test, Calibration, and Maintenance support.

All of these items are Code A

BLI NR. 463900

P-1 SHOPPING LIST
ITEM NO. PAGE NO.
57 - 1

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (OTHER) (RCN)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
Power Supply 0-30 Volt 24-30 Volt 20-80 Volt Logistics Supply Testing, Tech Data, Manuals, Training (RCN 040288)	A A A					Various	1001		
Tools Sets, Kits, Chests (TSK&C) (RCN 040958)	A					Various	299		
Electronic Test, Measurement, and Diagnostic Equipment Repair Facility (RCN 140247)	A					Various	341		
Test, Calibration, and Maintenance Support (RCN 145879)	A					Various	936		
TOTAL COST			0		0		2577		
BLI NR. 463900		P-1 SHOPPING LIST ITEM NO. 57		PAGE NO. 2		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:			
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					ITEMS LESS THAN \$2 MILLION (OTHER)								
CONTRACTOR AND LOCATION					CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
POWER SUPPLIES FY97	UNKNOWN				C/FPO	USMC	JAN97	VARIOUS	VARIOUS	1,001,000	YES	N/A	N/A
TOOL SETS, KITS & CHESTS FY97	VARIOUS				C/FP	USMC	VARIOUS	VARIOUS	VARIOUS	299,000	YES	N/A	N/A
ELECTRONIC TMDE REPAIR FACILITY FY97	VARIOUS				C/FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	341,000*	YES	NO	N/A
TEST, CALIBRATION, AND MAINTENANCE EQUIPMENT FY97	VARIOUS				C/FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	936,000*	YES	NO	N/A
REMARKS: Unit Cost column reflects total cost for items being purchased. * Funds are used to procure small quantities of electronic and psy/dimensional test equipment such as frequency standards, calibration workstations, precision measurement machines, and force calibrators.													

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P-1 SHOPPING LIST
ITEM NO. 57 PAGE NO. 4

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		AIR OPERATIONS C2 SYSTEMS ROLL-UP								
		RCN:								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
COST (IN MILLIONS)										
		\$ 0.0	\$ 0.0	\$ 5.3	\$ 11.5	\$ 3.4	\$ 10.3	\$ 15.8		
THIS IS A ROLLED LINE CONSISTING OF THE FOLLOWING:										
		FY 97	FY 98	FY 99	FY 00	FY 01				
TAOM	FY 1997-2001	5.304	10.918	2.858	9.728	8.638				
ADCP	FY 1997-2001	0.001	0.548	0.562	0.573	7.139				
TAOM - Tactical Air Operations Module ADCP - Air Defense Communications Platform										

BLI NR. 464000	EXHIBIT P-40
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P-1 SHOPPING LIST	PAGE NO.
58	1

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AIR OPERATIONS C2 SYSTEMS ROLL-UP		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
TACTICAL AIR OPERATIONS MODULE (TAOM) AN/TYQ-23 (RCN 140034)							5304		
AIR DEFENSE COMMUNICATIONS PLATFORM (ADCP) (RCN 149509)							1		
Initial Spares							(289)		
TOTAL COST							0		5305
BLI NR. 464000		P-1 SHOPPING LIST ITEM NO. 58 PAGE NO. 2							

EXHIBIT P-5

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		AN/TYQ-23 (V)1 TACTICAL AIR OPERATIONS MODULE (TAOM) RCN: 140034								
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
QUANTITY		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	0.0	0.0	5.3	10.9	2.9	9.7	\$	8.6	
<p>1. The AN/TYQ-23 (V)1, Tactical Air Operations Module, is an electronic tactical data system which, when supported with sensors, power sources, support equipment, and personnel, provides the US Marine Corps with the capabilities of integrated air defense, supplemental enroute traffic control management, and data link to external agencies for real time exchange of tactical air data. Four Tactical Air Operations Modules constitute one system.</p> <p>2. This is a collection of efforts and an evolutionary acquisition strategy, encompassing ECPs and incorporation of COTS equipment into the existing TAOC platform. This initiative will upgrade the system to include Joint Tactical Data Links (TADIL-J), Sector Anti-Air Warfare Facility (SAAWF), operator console units, and the TPS-59 radar interface, representing four major elements.</p> <p>3. These upgrades will open up the system architecture, provide an automated air tasking order capability, tactical missile defense, and a battle management facility. The open open architecture facilitates TADIL-J upgrade.</p>										

BLI NR. 464000

P-1 SHOPPING LIST
ITEM NO. 58
PAGE NO. 3

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME AN/TYQ-23(V)1 TACTICAL AIR OPERATIONS MODULE (TAOM) (RCN 140034)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION LITTON DATA SYSTEMS AGOURA HILLS, CA		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST		
AN/TYQ-23(V)1 TACTICAL AIR OPERATIONS MODULE PRODUCT IMPROVEMENT PROGRAM OCU UPGRADE						2163	2163	2163	
SECTOR ANTI-AIR WARFARE FACILITY (SAAWF)								2,666	
JTIDS INTEGRATION								50	
RADAR INTERFACE (TMD)									
GFE Repair									
Contractor Support									
Services (PRODUCTION)									
Hardware/Software Support									
Engineering Change Proposals									
Post Deployment Software Support (MCTSSA)								300	
TAD								75	
IKP Training (Factory)								50	
Contractor Support									
Services (PIP)									
Initial Spares									(289)
TOTAL COST			0				0	5304	
BLI NR. 464000									

P-1 SHOPPING LIST
ITEM NO. 58 - 4
PAGE NO. 4

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										P-1 ITEM NOMENCLATURE:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4										AN/TYQ-23 (V) 1 TACTICAL AIR OPERATIONS MODULE (TAOM)
										RCN: 140034
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
OCU Upgrade	Litton Data Systems Agoura Hills, CA	SSFFP	SYSCOM	Jan 97	May 98	1	2163000	YES	NO	NA
REMARKS:										

BLI NR. 464000

P-1 SHOPPING LIST
 ITEM NO. 58
 PAGE NO. 5

EXHIBIT P-5A

[illegible]

BUDGET ITEM JUSTIFICATION SHEET

DATE

APPROPRIATION/BUDGET ACTIVITY:

P-1 ITEM NOMENCLATURE:

PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY

AIR DEFENSE COMMUNICATIONS PLATFORM

4

RCN: 149509

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	1	1	1	12
COST (IN MILLIONS)	\$ 0.0	\$ 0.0	\$.001	\$ 0.5	\$ 0.6	\$ 0.6	\$ 7.1

The Air Defense Communications Platform will provide data link and communications interface for air defense units to include SHORAD and HAWK units. Additionally, an interim Tactical Ballistic Missile Defense capability will be provided to HAWK.

FY 97: \$1K to keep the RCN line open.

BLI NR. 464000

P-1 SHOPPING LIST
ITEM NO. 58
PAGE NO. 7

EXHIBIT P-40

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P-1 SHOPPING LIST

PAGE NO.

ITEM NO. 58

8

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		Marine Enhancement Program (MEP)								
		RCN: 142596								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0		
COST (IN MILLIONS)		\$ 0.0	\$ 3.3	\$ 7.7	\$ 3.3	\$ 11.9	\$ 11.9	\$ 4.9		
<p>The Marine Enhancement Program is a Congressionally initiated program started in FY90 which provides funding for low visibility, low cost items. It focuses on equipment which will benefit the individual Marine by reducing the load, increasing survivability, enhancing safety and improving combat effectiveness. The emphasis of this program is on non-developmental items (NDI) and commercially available items which can be quickly evaluated and fielded. This program is coordinated with the Army's Soldier Enhancement Program and the Special Operations Command.</p> <p>Medium Machine Gun Tripod Lightweight (MMGT). A lightweight replacement for the M123 steel tripod and traversing and elevation (T&E) that have been in use since the days of the .30 caliber machine gun. Designed to lighten the load of the machine gun team by reducing the tripod and T&E mechanism by more than half.</p> <p>This item is "Code B" Acquisition Objective (AO): 5200 FY97: 3692 = 71% AO FY98-01: 5200 = 100% AO</p> <p>Heavy Machine Gun Lightweight Tripod (HMGT). A lightweight tripod to replace the M3 HMG tripod currently used by the M2 50 caliber Heavy Machine Gun (HMG) and the MK19 Grenade Machine Gun (GMG). Designed to lighten the load for the individual Marine by decreasing the weight at least 28lbs. Includes improving the machine gun Traverse & Elevation (T&E) mechanism. Will decrease gunner/crew response time and add service life by 20000 to 25000 rounds. The lighter tripod also enhances employment of the M2 and the MK19.</p> <p>This item is "Code B" Acquisition Objective (AO): 6088 for entire Marine Corps; AO for MEP (infantry only) is 1406 FY97: 704 = 50% AO FY98-01: 1406 = 100% AO</p> <p>MK93 Dual Mount. Improved mounting system for both the M2 50 caliber Heavy Machine Gun (HMG) and the MK19 Grenade Machine Gun (GMG). Will enhance the capabilities of the HMG platoon by giving them greater flexibility, accuracy, and lethality on the battlefield. Designed to attenuate recoil, improve accuracy, decrease gunner/crew response time, reduce logistical burden, and provide ammunition savings. Replaces the MK 64 cradle currently used to mount the M2 HMG and the MK 19 GMG.</p> <p>This item is "Code A" Acquisition Objective (AO): 6088 for entire Marine Corps; AO for MEP (infantry only) is 1406 FY96: 1406 = 100% AO</p>										

EXHIBIT P-40

P-1 SHOPPING LIST
ITEM NO. 59
PAGE NO. 1

BLI NR. 494000

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY:		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	4	P-1 ITEM NOMENCLATURE: Marine Enhancement Program (MEP)
		RCN: 142596
<p>Designated Marksman Rifle (DMR). Precision, semiautomatic, 7.62mm NATO weapon system (rifle, ammunition, sight mount, and optical device), that will complement the capabilities of the M40A1 Sniper Rifle (same caliber) better than the M16A2. Designed to extend the range capabilities, add flexibility, and enhance survivability of Designated Marksmen of the Fleet Anti-terrorist Security Teams (FAST) of the Security Battalion, military police Special Response Teams (SRT), and the second sniper of the Marine Corps two man Scout Sniper Team.</p> <p>This item is "Code B"</p> <p>Acquisition Objective (AO): 588</p> <p>FY97: 197 = 34% AO</p> <p>FY98-01: 588 = 100% AO</p> <p>Joint Service Combat Shotgun. 12 gauge, semiautomatic, compact, lightweight weapon. It will be configured with low light level rifle-type sights and a surface which will mount current and developmental day and night sighting scopes. Will provide a common weapon for all the Services that will enhance the individual's combat effectiveness for use in the execution of special operations and security missions; substantial improvements in performance over existing shotguns in the area of supply, maintenance, and training support standardization; and increased levels of reliability and shooter confidence.</p> <p>This item is "Code B"</p> <p>Acquisition Objective (AO): 4815</p> <p>FY97: 2557 = 53% AO</p> <p>FY98-01: 4815 = 100% AO</p>		

EXHIBIT P-40

P-1 SHOPPING LIST	
ITEM NO.	PAGE NO.
59	2

BLI NR.	494000
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ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME Marine Enhancement Program (MEP) RCN: 142596		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION To be Determined		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
Medium Machine Gun Lightweight Tripod	B					794	3692		2931
Heavy Machine Gun Lightweight Tripod	B					945	704		665
MK93 Dual Mount	A			2368	1406				
Designated Marksman Rifle (DMR)	B				3330	6647	197		1309
Joint Service Combat Shotgun	B					1091	2557		2790
Active Component Reserve Component						(3330) (0)			(6159) (1536)
TOTAL COST			0		3330				7695
BLI NR. 494000		P-1 SHOPPING LIST ITEM NO. 59		PAGE NO. 3		EXHIBIT P-5			

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:										
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY										
P-1 ITEM NOMENCLATURE:										
Marine Enhancement Program (MEP)										
RCN: 142596										
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
Medium Machine Gun Lightweight Tripod FY97	TBD	C/FFP	NSWC CRANE	Dec 96	Apr 97	3692	794	Yes	No	N/A
Heavy Machine Gun Lightweight Tripod FY97	TBD	C/FFP	NSWC CRANE	Feb 97	Jun 97	704	945	No	No	N/A
MK93 Dual Mount FY96	TBD	C/FFP	AARDC	May 96	Nov 96	1406	2368	Yes	No	N/A
Designated Marksman Rifle (DMR) FY97	TBD	TBD	SYSKOM	Oct 96	Mar 97	197	6647	Yes	No	N/A
Joint Service Combat Shotgun FY97	TBD	C/FFP	SYSKOM	Oct 96	Apr 97	2557	1091	Yes	No	N/A
REMARKS:										

EXHIBIT P-5A

P-1 SHOPPING LIST
ITEM NO. 59
PAGE NO. 4

BLI NR. 494000

"CODE B" ITEM DESCRIPTION		DATE				
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: Medium Machine Gun Lightweight Tripod (MMGT) RCN: 142596				
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E) c. Operational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP) Plan/Actual or Performance Specifications	Plan/Actual Plan/Actual Plan/Actual Plan/Actual	May 96 NA May 96 Aug 96				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:		June 96				
3. EQUIPMENT ITEM(S) TO BE REPLACED:		M122 Tripod				
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:						
Weight Reduction of over 50%.						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH FY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND FY
TBD			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
TOTAL RDT&E FUNDING			\$	0	\$	0
REMARKS:						
Delay due to problems encountered with the material composition and load factors associated with the tripod.						

BLI NR. 494000

P-1 SHOPPING LIST
 ITEM NO. 59

PAGE NO. 5
 EXHIBIT P-19

APPROPRIATION/BUDGET ACTIVITY:		"CODE B" ITEM DESCRIPTION		P-1 ITEM NOMENCLATURE:	DATE	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		4		Heavy Machine Gun Lightweight Tripod (HMG)		
RCN: 142596						
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	Nov 95				
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual	Mar 95				
c. Operational Test & Evaluation (OT&E)	Plan/Actual	Apr 96				
d. Available Date of Technical Data Package (TDP) Plan/Actual or Performance Specifications		May 96				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: Jun 96						
3. EQUIPMENT ITEM(S) TO BE REPLACED: M3 Tripod						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: Weight reduction of over 50%.						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
TBD			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
TOTAL RDT&E FUNDING			\$	0 \$	0 \$	0 \$
REMARKS:						
BLI NR. 494000			P-1 SHOPPING LIST		EXHIBIT P-19	
			ITEM NO. PAGE NO.		59 - 6	

"CODE B" ITEM DESCRIPTION		DATE					
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: Designated Marksman Rifle (DMR)					
RCN: 142596							
1. CURRENT DEVELOPMENT AND TEST STATUS							
a. Developmental Test & Evaluation (DT&E)	Plan/Actual						
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual						
c. Operational Test & Evaluation (OT&E)	Plan/Actual						
d. Available Date of Technical Data Package (TDP) Plan/Actual	Plan/Actual						
or Performance Specifications							
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:		Oct 96					
3. EQUIPMENT ITEM(S) TO BE REPLACED:		None					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:		NA					
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)							
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY	
US Army Combat Systems Test Activity	Aberdeen MD	US Army	\$	\$	\$	\$	
			\$	\$	\$	\$	
			\$	\$	\$	\$	
			\$	\$	\$	\$	
			\$	\$	\$	\$	
			\$	\$	\$	\$	
TOTAL RDT&E FUNDING			\$	0	\$	0.15	\$
REMARKS:		DMR is COTS/NDI.					
BLI NR. 494000		P-1 SHOPPING LIST					
ITEM NO. 59		PAGE NO. 7					
		EXHIBIT P-19					

APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		DATE		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		Joint Combat Service Shotgun				
				RCN: 142596		
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Developmental Test & Evaluation (DT&E)	Plan/Actual	OCT 95				
b. Initial Operational Test & Evaluation (IOT&E)	Plan/Actual	NA				
c. Operational Test & Evaluation (OT&E)	Plan/Actual	JUL 96				
d. Available Date of Technical Data Package (TDP) Plan/Actual or Performance Specifications		JUN 95				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: OCT 96						
3. EQUIPMENT ITEM(S) TO BE REPLACED: Current service shotgun in the system.						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: Substantial improvements in performance over existing shotguns in area of supply, maintenance, and training support standardization while providing increased levels of reliability and shooter confidence.						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH FY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
US Army Combat Systems Test Activity	Aberdeen MD	US Army	\$	\$	\$ 0.195	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
			\$	\$	\$	\$
TOTAL RDT&E FUNDING			\$	\$	\$	\$
REMARKS:						
Current service shotgun in the system.						
Substantial improvements in performance over existing shotguns in area of supply, maintenance, and training support standardization while providing increased levels of reliability and shooter confidence.						
Total RDT&E Funding: \$ 0.195 million						
Remarks:						
BLI NR. 494000						
P-1 SHOPPING LIST						
ITEM NO. 59						
PAGE NO. 8						
EXHIBIT P-19						

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: MEP - MEDIUM MACHINE GUN TRIPOD (LIGHTWEIGHT)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT:

DEPOT MAINTENANCE FLOAT:

TOTAL:

924

152

1076

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE:

II MARINE EXPEDITIONARY FORCE:

III MARINE EXPEDITIONARY FORCE:

SELECTED MARINE CORPS RESERVE:

SUPPORT ESTABLISHMENT:

NORWAY AIR LANDED BRIDGAGE:

TOTAL:

929

965

581

608

1041

0

4124

APPROVED ACQUISITION OBJECTIVE

5200

59.9

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: _____ ACQUISITION OBJECTIVE: _____		ITEM NAME: Medium Machine Gun Lightweight Tripod (MMGT) RCN: 142596	
TBID 5,200			
ENDING INVENTORY 30 SEP 1993			
GAINS:	FY 1994	FY 1995	FY 1996
*FY BUDGET			
*OTHER			
TOTAL	0	0	0
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL	0	0	0
NET CHANGE (+/-)			
	0	0	0
ASSET POSITION:			
*STD SERVICEABLE			
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL	0	0	0
\$M. VALUE	\$	\$	\$
% A/O ON HAND/FUNDED	0.0 %	0.0 %	0.0 %
COMMENTS:			
FY 1996 RECOMMENDED BUY - QUANTITY: 0 VALUE: \$ 0 M			
FY 1997 RECOMMENDED BUY - QUANTITY: 3692 VALUE: \$ 2.9 M			
BLI NR. 494000		P-1 SHOPPING LIST ITEM NO. 59 PAGE NO. 10	

EXHIBIT P-20A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: HEAVY MACHINE GUN TRIPOD

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 654
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 654

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 1350
II MARINE EXPEDITIONARY FORCE: 1366
III MARINE EXPEDITIONARY FORCE: 675
SELECTED MARINE CORPS RESERVE: 690
SUPPORT ESTABLISHMENT: 1353
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 5434

APPROVED ACQUISITION OBJECTIVE

6088

59-11

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: E1115 ACQUISITION OBJECTIVE: 1,406		ITEM NAME: Heavy Machine Gun Lightweight Tripod (HMG) RCN: 142956	
ENDING INVENTORY			
30 SEP 1993		FY 1994	FY 1995
<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>		<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>	<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>
GAINS: *FY BUDGET *OTHER TOTAL		<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>	<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>	<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>
NET CHANGE (+/-)		<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>	<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>
ASSET POSITION:			
*STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE		<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>	<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>
TOTAL \$M VALUE		<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>	<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>
% A/O ON HAND/FUNDED		<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>	<div style="background-color: #cccccc; height: 15px; width: 100%;"></div>
COMMENTS:			
FY 1996 RECOMMENDED BUY - QUANTITY: VALUE: \$		FY 1997 RECOMMENDED BUY - QUANTITY: VALUE: \$	
FY 1996 RECOMMENDED BUY - QUANTITY: VALUE: \$		FY 1997 RECOMMENDED BUY - QUANTITY: VALUE: \$	

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: MK93 DUAL MOUNT

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 654
DEPOT MAINTENANCE FLOAT: 0
TOTAL: 654

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 1350
II MARINE EXPEDITIONARY FORCE: 1366
III MARINE EXPEDITIONARY FORCE: 675
SELECTED MARINE CORPS RESERVE: 690
SUPPORT ESTABLISHMENT: 1353
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 5434

APPROVED ACQUISITION OBJECTIVE

6088

59-13

ASSET DYNAMICS		DATE:																																																																																																																																					
TAMCN/DODIC: E0312		ITEM NAME: MK93 Dual Mount																																																																																																																																					
ACQUISITION OBJECTIVE: 1,406		RCN: 142596																																																																																																																																					
<table border="1"> <thead> <tr> <th></th> <th>ENDING INVENTORY 30 SEP 1993</th> <th>FY 1994</th> <th>FY 1995</th> <th>FY 1996</th> <th>FY 1997</th> </tr> </thead> <tbody> <tr> <td>GAINS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*FY BUDGET</td> <td></td> <td></td> <td></td> <td>1406</td> <td></td> </tr> <tr> <td>*OTHER</td> <td></td> <td>0</td> <td>0</td> <td>1406</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>LOSSES:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*COMBAT USMC</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*COMBAT ALLIES</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*PEACETIME</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*WASHOUT</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SALES</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*OTHER</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td></td> <td>0</td> <td>0</td> <td>1406</td> <td>0</td> </tr> <tr> <td>NET CHANGE (+/-)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>ASSET POSITION:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*STD SERVICEABLE</td> <td></td> <td></td> <td></td> <td>1406</td> <td>1406</td> </tr> <tr> <td>*STD UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SUB SERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>*SUB UNSERVICEABLE</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td>0</td> <td>0</td> <td>1406</td> <td>1406</td> </tr> <tr> <td>\$M. VALUE</td> <td>\$</td> <td>\$</td> <td>\$</td> <td>\$</td> <td>\$</td> </tr> <tr> <td>% A/O ON HAND/FUNDED</td> <td>0.0 %</td> <td>0.0 %</td> <td>0.0 %</td> <td>100.0 %</td> <td>100.0 %</td> </tr> </tbody> </table>					ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997	GAINS:						*FY BUDGET				1406		*OTHER		0	0	1406	0	TOTAL						LOSSES:						*COMBAT USMC						*COMBAT ALLIES						*PEACETIME						*WASHOUT						*SALES						*OTHER		0	0	0	0	TOTAL		0	0	1406	0	NET CHANGE (+/-)						ASSET POSITION:						*STD SERVICEABLE				1406	1406	*STD UNSERVICEABLE						*SUB SERVICEABLE						*SUB UNSERVICEABLE						TOTAL	0	0	0	1406	1406	\$M. VALUE	\$	\$	\$	\$	\$	% A/O ON HAND/FUNDED	0.0 %	0.0 %	0.0 %	100.0 %	100.0 %
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% A/O ON HAND/FUNDED	0.0 %	0.0 %	0.0 %	100.0 %	100.0 %																																																																																																																																		
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY: 1406 VALUE: \$ 3.3 M FY 1997 RECOMMENDED BUY - QUANTITY: 0 VALUE: \$ 0 M																																																																																																																																					
BLI NR. 494000	P-1 SHOPPING LIST		EXHIBIT P-20A																																																																																																																																				
ITEM NO. 59	PAGE NO. 14																																																																																																																																						

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: DESIGNATED MARKSMANSHIP RIFLE

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 27
DEPOT MAINTENANCE FLOAT: 60
TOTAL: 87

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 134
II MARINE EXPEDITIONARY FORCE: 110
III MARINE EXPEDITIONARY FORCE: 13
SELECTED MARINE CORPS RESERVE: 88
SUPPORT ESTABLISHMENT: 156
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 501

APPROVED ACQUISITION OBJECTIVE

588

59-15

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: E0311	ITEM NAME: Designated Marksman Rifle (DMR) RCN: 142596		
ACQUISITION OBJECTIVE: 588			
GAINS:	FY 1994	FY 1995	FY 1996
*FY BUDGET			
*OTHER			
TOTAL	0	0	0
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL	0	0	0
NET CHANGE (+/-)	0	0	0
ASSET POSITION:			
*STD SERVICEABLE			
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL	0	0	0
\$M VALUE	\$	\$	\$
% A/O ON HAND/FUNDED	0.0 %	0.0 %	0.0 %
COMMENTS:	FY 1996 RECOMMENDED BUY - QUANTITY: 0 VALUE: \$ 0 M FY 1997 RECOMMENDED BUY - QUANTITY: 197 VALUE: \$ 1.3 M		

BLI NR. 494000

P-1 SHOPPING LIST
ITEM NO. 59

EXHIBIT P-20A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: JOINT COMBAT SHOTGUN

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: 0
DEPOT MAINTENANCE FLOAT: 830
TOTAL: 830

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: 549
II MARINE EXPEDITIONARY FORCE: 1662
III MARINE EXPEDITIONARY FORCE: 568
SELECTED MARINE CORPS RESERVE: 331
SUPPORT ESTABLISHMENT: 875
NORWAY AIR LANDED BRIGADE: 0
TOTAL: 3985

APPROVED ACQUISITION OBJECTIVE

4815

59-17

ASSET DYNAMICS		DATE:	
TAMCN/DODIC: E1760		ITEM NAME: Joint Service Combat Shotgun	
ACQUISITION OBJECTIVE: 4,815		RCN: 142596	
ENDING INVENTORY			
30 SEP 1993		FY 1994	FY 1995
GAINS:		FY 1996	FY 1997
*FY BUDGET			2557
*OTHER			
TOTAL		0	2557
LOSSES:			
*COMBAT USMC			
*COMBAT ALLIES			
*PEACETIME			
*WASHOUT			
*SALES			
*OTHER			
TOTAL		0	0
NET CHANGE (+/-)		0	2557
ASSET POSITION:			
*STD SERVICEABLE			2557
*STD UNSERVICEABLE			
*SUB SERVICEABLE			
*SUB UNSERVICEABLE			
TOTAL		0	2557
\$M VALUE		\$	\$
% A/O ON HAND/FUNDED		0.0 %	53.0 %
COMMENTS:		FY 1996 RECOMMENDED BUY - QUANTITY: 0	
		VALUE: \$ 0 M	
		FY 1997 RECOMMENDED BUY - QUANTITY: 2557	
		VALUE: \$ 2.8 M	
BLI NR. 494000		P-1 SHOPPING LIST	
ITEM NO. 59		PAGE NO. 18	

EXHIBIT P-20A

[illegible]

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		TEST, CALIBRATION & MAINTENANCE SUPPORT								
		RCN: 145879								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0		
COST (IN MILLIONS)\$		\$ 1.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0		
<p>FUNDS ALLOCATED UNDER THIS LINE ARE UTILIZED TO PROCURE SMALL QUANTITIES OF TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT TO SUPPORT ITEMS OF EQUIPMENT AND TO PROCURE CALIBRATION STANDARDS AND GAUGES TO ENSURE THE ACCURACY OF MEASUREMENTS MADE BY THE OPERATING FORCES OF THE MARINE CORPS.</p> <p>ALL ITEMS ARE CODE A.</p>										
BLI NR. 495700		P-1 SHOPPING LIST								EXHIBIT P-40
		ITEM NO. 60								PAGE NO. 1

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME TEST, CALIBRATION, AND MAINTENANCE SUPPORT (RCN 145879)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	UNIT COST	QTY TOTAL COST	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
FMF TEST EQUIPMENT	A				VARIOUS 617				
FMF CALIBRATION STANDARDS	A				VARIOUS 491				
DEPOT CALIBRATION STANDARDS	A				VARIOUS 386				
TOTAL COST									
BLI NR. 495700									

P-1 SHOPPING LIST
 ITEM NO. 60
 PAGE NO. 2

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					TEST, CALIBRATION & MAINTENANCE SUPPORT					
4					RCN: 145879					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
FMF TEST EQUIPMENT FY95	VARIOUS	C FP	USMC	VARIOUS	VARIOUS	VARIOUS	617,000*	YES	NO	N/A
FMF CAL STANDARDS FY95	VARIOUS	C FP	USMC	VARIOUS	VARIOUS	VARIOUS	491,000*	YES	NO	N/A
DEPOT CAL STANDARDS FY95	VARIOUS	C FP	USMC	VARIOUS	VARIOUS	VARIOUS	386,000*	YES	NO	N/A
REMARKS: * AMOUNT INDICATED IS TOTAL COST. FUNDS ARE USED TO PROCURE SMALL QUANTITIES OF ELECTRONIC AND PSY/DIMENSIONAL TEST EQUIPMENT SUCH AS FREQUENCY STANDARDS, CALIBRATION WORKSTATIONS, PRECISION MEASUREMENT MACHINES AND FORCE CALIBRATORS. FY95 ALSO REFLECTS INCREASED DEPOT MAINTENANCE RATE CHANGES										

BLI NR. 495700

P-1 SHOPPING LIST
ITEM NO. 60
PAGE NO. 3

EXHIBIT P-5A

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P-1 SHOPPING LIST
ITEM NO. 60 PAGE NO. 4

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		MODIFICATION KITS (NON-TEL)								
		RCN: 147239								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)	\$	5.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	
<p>Modifications programmed and budgeted under this line are for the purpose of correcting equipment deficiencies noted after new items are fielded or to increase operational capabilities of non-telecommunications end items previously fielded.</p> <p>This funding profile includes radar modifications which improve mean time between failure rates and enhance performance characteristics. Also included are TOW Sight modifications required to bring various configurations of the UAS-12 series of sights into a single configuration and to provide countermeasure protection to gunners and equipment. The Direct Air Support Central (DASC) Product Improvement Program (PIP) is a non-developmental effort which will incorporate selected automation and existing hardware from the AN/TSQ-155(V), Improved Direct Air Support Central (IDASC), and the OE-334 Antenna Coupler Group into lightweight, highly mobile shelters. Improved capabilities include automated interfaces to the Digital Communications Terminal (DCT), Advanced Tactical Air Command Central (ATACC), Position Location Reporting System (PLRS), Advanced Field Artillery Tactical Data Systems (AFATDS), and Tactical Combat Operations (TCO).</p>										
MOD		INSTALLATION AGENT		INSTALLATION						
AN/TPS-59 RADAR MOD (94)	FIELD			BEGIN FEB 95/END JUN 95						
AN/TPS-59 RADAR MOD (95)	FIELD			BEGIN MAY 95/END AUG 95						
AN/TPS-63 SSTX MOD (96)	CONTRACTOR			BEGIN MAY 96/END MAY 97						
TOW NIGHT SIGHT MOD (96)	DEPOT			BEGIN OCT 95/END DEC 96						
IDASC PIP	FIELD			BEGIN OCT 93/END SEP 97						
IDASC PIP	FIELD			BEGIN OCT 95/END SEP 97						
<p>FY 97-01 PROCUREMENT FOR AN/TPS-59 AND IDASC PIP IN BLI 463600.</p> <p>FY 97-01 PROCUREMENT FOR TOW NIGHT SIGHT IN BLI 463800.</p>										

BLI NR. 496900

P-1 SHOPPING LIST
ITEM NO. 61 - 1
PAGE NO.

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET		DATE
APPROPRIATION/BUDGET ACTIVITY: P-1 ITEM NOMENCLATURE:		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	4	MODIFICATION KITS (NON-TEL) RCN: 147239

MODELS OF SYSTEMS AFFECTED: MODIFICATION KITS (NON-TEL)		
MODIFICATION TITLE	(\$ IN MILLIONS)	FY 1996
-----	-----	-----
AN/TPS-59 ECPS	1.084	
AN/TPS-63 SSTX MOD	4.000	
TOW SIGHT MOD		0.084
DASC		9.058
TOTAL	5.084	9.142

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MODIFICATION KITS (NON-TEL) RCN: 147239		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997		QTY	
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
AN/TPS-59 ECPs	B	90,333	12 1084						
Identification Friend or Foe (IFF)			1084						
SUBTOTAL AN/TPS-59									
TOW SIGHT MOD PROGRAM									
Installation Costs							84		
SUBTOTAL TOW SIGHT							84		
AN/TPS-63 ECP	A	4,000,000	1 4000						
SUBTOTAL AN/TPS-63			4000						
BLI NR. 496900		P-1 SHOPPING LIST		ITEM NO. 61		PAGE NO. 3		EXHIBIT P-5	

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME MODIFICATION KITS (NONTTEL) RCN: 147239		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995		FY 1996		FY 1997			
		UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST	UNIT COST	QTY TOTAL COST		
DASC (OPS SHELTER) DOWNSIZING PIP				219,400	12	2633			
OE-334 (COMM SHELTER) DOWNSIZING PIP				189,749	4	759			
DASC AUTOMATION				136,719	20	2734			
DASC VOICE COMMUNICATIONS SYSTEM				82,188	29	2383			
SUPPORT COSTS: ILS (Provisioning, FMEA, TMs) Hardware Engineering Drawings Tests Tech Data Factory Training Software Engineering Support						111			
						90			
						38			
						50			
						106			
						75			
						79			
SUBTOTAL DASC					9058				
Active Component						(7695)			
Reserve Component						(1447)			
Initial Spares						(309)			
TOTAL COST					5084	9142			
BLI NR. 496900		P-1 SHOPPING LIST		ITEM NO. PAGE NO.		61 - 4		EXHIBIT P-5	

PROCUREMENT HISTORY & PLANNING										DATE:
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					MODIFICATION KITS (NON-TEL)					
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPEC AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
AN/TPS-59 IFF ECF/95	MM CORP SYRACUSE, NY	FFP	SYSCOM	JAN 95	MAY 95	12	90,333	YES	NO	
AN/TPS-63 ECF/FY 95	WESTINGHOUSE ELEC	FFP	SYSCOM	MAR 96	MAR 97	1	4,000,000	NO	NO	
DASC (DOWNSIZING PIP) FY 96	NSWC CRANE IN	C/FFPO	NSWC CRANE	JAN 96	MAY 96	12	219,400	YES	NO	N/A
OE-334 (COMM) FY 96	NSWC CRANE IN	C/FFPO	NSWC CRANE	MAR 96	AUG 96	4	189,749	YES	NO	N/A
DASC AUTOMATION FY 96	NSWC CRANE IN	C/FFPO	SYSCOM	JUN 96	SEP 96	20	136,719	YES	NO	N/A
DASC VOICE COMM SYS FY 96	EASTERN COMPUTERS LORTON, VA	FFP	SYSCOM	JUN 96	SEP 96	29	82,188	YES	NO	N/A
REMARKS: DASC: Unit cost includes downsized shelters, rapid assembly tents, cables, computers, and integration costs.										

"CODE B" ITEM DESCRIPTION		DATE				
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: MODIFICATION KITS (NON-TEL) AN/TPS-59 RADAR SYSTEM RCN: 147239				
		4				
1. CURRENT DEVELOPMENT AND TEST STATUS						
a. Test Readiness Review	Plan/Actual	Feb 95	Feb 95			
b. Formal Qualification Test	Plan/Actual	Mar 95	Mar 95			
c. Physical/Function Configuration Audit	Plan/Actual	Jan 95	Jan 95			
d. Develop Test/Operational Test	Plan/Actual	Dec 95	Dec 95			
e. Milestone III		Sep 96	Sep 96			
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE: Sep 96						
3. EQUIPMENT ITEM(S) TO BE REPLACED:						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: INCREASED RECEIVER SENSITIVITY IMPROVED RELIABILITY REDUCED TRANSPORTATION REQUIREMENTS						
5. DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions)						
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	THROUGH PY (FY1994)	CY (FY1995)	BY (FY1996)	BEYOND BY
MARTIN MARIETTA	SYRACUSE, NY		\$ 10.4	\$	\$	\$ 3.6
PROGRAM SUPPORT	QUANTICO, VA		\$	\$ 0.1	\$ 0.5	\$ 0.5
			\$	\$	\$	\$
			\$	\$	\$	\$
TOTAL RDT&E FUNDING			\$ 10.4	\$ 0.1	\$ 0.5	\$ 4.1
REMARKS: R&D EFFORT FUNDED PRIMARILY BY BALLISTIC MISSILE DEFENSE OFFICE.						
THE IFF (IDENTIFICATION FRIEND OR FOE) IS A COMPONENT OF THE TPS-59 MAJOR SYSTEM MODIFICATION.						
BLI NR. 496900		P-1 SHOPPING LIST		EXHIBIT P-19		
		ITEM NO. 61		PAGE NO. 6		

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: AN/TPS-59 ECPs/TMD UPGRADE

MODELS OF SYSTEMS AFFECTED: AN/TPS-59 RADAR SYSTEM

DESCRIPTION/JUSTIFICATION: This modification is to correct deficiencies identified by the fleet and procure minor improvements to the AN/TPS-59 radar set.

DEVELOPMENTAL STATUS/
MAJOR DEVELOPMENT MILESTONES: The ECPs have been submitted and approved. TMD upgrade has CDR scheduled for 3rd Qtr FY94, DT/OT for 1st Qtr FY 96, and Milestone III Decision for 4th Qtr FY 96.

FINANCIAL PLAN: (\$ in Millions)

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$

PROCUREMENT
Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

12 1.084

12 1.084
0.000
0.000
0.000
0.000
0.000
0.000
0.000
0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

61-7

INSTALLATION OF HARDWARE

(FY 1995)	Eqpt	(	Kits)
(FY 1996)	Eqpt	(	Kits)
(FY 1997)	Eqpt	(	Kits)
(FY 1998)	Eqpt	(	Kits)
(FY 1999)	Eqpt	(	Kits)
(FY 2000)	Eqpt	(	Kits)
(TO COMP)	Eqpt	(	Kits)

TOTAL INSTALLATION COST

TOTAL PROCUREMENT COST

METHOD OF IMPLEMENTATION:

CONTRACT DATES:

DELIVERY DATES:

INSTALLING SCHEDULE:

INPUT

OUTPUT

[illegible]

Variable	Mean	Std. Dev.	Minimum	Maximum
Age	38.50	12.50	25.00	55.00
Gender	1.50	.50	1.00	2.00
Marital Status	2.50	.50	2.00	3.00
Education	13.50	1.50	12.00	15.00
Income	45.00	15.00	30.00	60.00
Health	2.50	.50	2.00	3.00
Stress	3.50	.50	3.00	4.00
Life Satisfaction	4.50	.50	4.00	5.00
Work-Life Balance	3.50	.50	3.00	4.00
Family Support	4.00	.50	3.50	4.50
Community Involvement	3.00	.50	2.50	3.50
Personal Growth	3.50	.50	3.00	4.00
Financial Stability	4.00	.50	3.50	4.50
Emotional Well-being	3.50	.50	3.00	4.00
Physical Health	3.00	.50	2.50	3.50
Social Support	3.50	.50	3.00	4.00
Work Satisfaction	3.00	.50	2.50	3.50
Life Balance	3.50	.50	3.00	4.00
Family Time	3.00	.50	2.50	3.50
Personal Time	3.00	.50	2.50	3.50
Work Time	3.00	.50	2.50	3.50
Family Support	3.50	.50	3.00	4.00
Community Involvement	3.00	.50	2.50	3.50
Personal Growth	3.50	.50	3.00	4.00
Financial Stability	4.00	.50	3.50	4.50
Emotional Well-being	3.50	.50	3.00	4.00
Physical Health	3.00	.50	2.50	3.50
Social Support	3.50	.50	3.00	4.00
Work Satisfaction	3.00	.50	2.50	3.50
Life Balance	3.50	.50	3.00	4.00
Family Time	3.00	.50	2.50	3.50
Personal Time	3.00	.50	2.50	3.50
Work Time	3.00	.50	2.50	3.50

ADMIN LEAD-TIME:	MONTHS	PRODUCTION LEAD-TIME:	MONTHS

	FY 1996	FY 1997
1. Operating Expenses		
a. Salaries and Benefits		
1. Salaries		
a. President		
b. Vice President		
c. Executive Director		
d. Deputy Executive Director		
e. Chief Financial Officer		
f. Chief of Staff		
g. Other Senior Management		
h. Other		
i. Total		
2. Benefits		
a. Medical		
b. Dental		
c. Life Insurance		
d. Retirement		
e. Other		
f. Total		
3. Total		
b. Travel		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
c. Telephone		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
d. Office Space		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
e. Office Equipment		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
f. Office Supplies		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
g. Other		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
h. Total		
2. Capital Expenses		
a. Equipment		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
b. Construction		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
c. Total		
3. Other Expenses		
a. Professional Fees		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		
5. Chief Financial Officer		
6. Chief of Staff		
7. Other Senior Management		
8. Other		
9. Total		
b. Other		
1. President		
2. Vice President		
3. Executive Director		
4. Deputy Executive Director		

	FY 1996	FY 1997
1. Administrative	100	100
2. Programs	100	100
3. Capital	100	100
4. Debt	100	100
5. Other	100	100
6. Total	100	100

	FY 1995			FY 1996			FY 1997			FY 1998			FY 1999			FY 2000			TOTAL		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
2	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
3	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
5	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
6	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
7	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
8	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
9	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
10	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
11	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
12	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
13	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
14	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
15	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
16	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
17	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
18	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
19	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
20	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
21	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
22	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
23	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
24	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
25	1	2	3	4	1	2	3	4	1	2	3	4	1	2							

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:
MODIFICATION KITS (NON-TEL)

MODELS OF SYSTEMS AFFECTED:
AN/TPS-63 RADAR SYSTEM ECP

DESCRIPTION/JUSTIFICATION:
THIS MODIFICATION IS TO CORRECT DEFICIENCIES IDENTIFIED BY THE FLEET AND PROCURE MINOR IMPROVEMENTS TO THE AN/TPS-63 RADAR SET.

DEVELOPMENTAL STATUS/
MAJOR DEVELOPMENT MILESTONES:
THE ECP'S HAVE BEEN SUBMITTED AND APPROVED.

FINANCIAL PLAN: (\$ in Millions)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$

PROCUREMENT							
Kit Quantity	1	4.000					1
Installation Kits							0.000
Install. Kits Nonrecurring							0.000
Equipment							0.000
Equipment Nonrecurring							0.000
Engineering Change Orders							0.000
Data							0.000
Training Support							0.000
Support Equipment							0.000
Other							0.000
Interim Contractor Support							0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

61-9

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits)
(FY 1996) Eqpt (Kits)
(FY 1997) Eqpt (Kits)
(FY 1998) Eqpt (Kits)
(FY 1999) Eqpt (Kits)
(FY 2000) Eqpt (Kits)
(TO COMP) Eqpt (Kits)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$

0	0.000	0	0.000	0	0.000	0	0.000
4.000	0.000	0.000	0.000	0.000	0.000	0.000	4.000

METHOD OF IMPLEMENTATION: _____ ADMIN LEAD-TIME: _____ MONTHS PRODUCTION LEAD-TIME: _____ MONTHS

CONTRACT DATES:

FY 1996 _____
FY 1997 _____

DELIVERY DATES:

FY 1996 _____
FY 1997 _____

INSTALLING SCHEDULE:

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

6-10

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: DIRECT AIR SUPPORT CENTRAL (DASC) PRODUCT IMPROVEMENT PROGRAM (PIP)

MODELS OF SYSTEMS AFFECTED: AN/TSQ-155V IMPROVED DASC (IDASC) OE-334 ANTENNA COUPLER GROUP

DESCRIPTION/JUSTIFICATION: Equipment procured under this effort will be modular and allow the system to be task organized and operated in the downsized AN/TSQ-155(V) and OE-334 Antenna Coupler Group shelters or external to the DASC operations shelters. Improved capabilities include automated interfaces to the DCT, ATACC, PLRS, AFATDS, and TCO.

DEVELOPMENTAL STATUS/
MAJOR DEVELOPMENT MILESTONES: Prototype hardware and software will undergo analysis and modification at Marine Corps Tactical Systems Support Activity and Naval Surface Warfare Center, Crane, Indiana.

FINANCIAL PLAN: (\$ in Millions)

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$	QTY \$

PROCUREMENT
Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

65							65
							0.000
							0.000
							0.000
	8.509						8.509
							0.000
	0.106						0.106
	0.075						0.075
							0.000
	0.368						0.368
							0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

61-11

INSTALLATION OF HARDWARE

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
(FY 1995) Eqpt (Kits)								0 0.000
(FY 1996) Eqpt (Kits)								0 0.000
(FY 1997) Eqpt (Kits)								0 0.000
(FY 1998) Eqpt (Kits)								0 0.000
(FY 1999) Eqpt (Kits)								0 0.000
(FY 2000) Eqpt (Kits)								0 0.000
(TO COMP) Eqpt (Kits)								0 0.000
TOTAL INSTALLATION COST	0	0.000	0	0.000	0	0.000	0	0.000
TOTAL PROCUREMENT COST	0.000	9.058	0.000	0.000	0.000	0.000	0	9.058

METHOD OF IMPLEMENTATION: Field Install ADMIN LEAD-TIME: 3 MONTHS PRODUCTION LEAD-TIME: 4 MONTHS

CONTRACT DATES:

FY 1996 JAN 96

FY 1997

DELIVERY DATES:

FY 1996 MAY 96

FY 1997

INSTALLING SCHEDULE:

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TOTAL
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

INPUT

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

61-12

BUDGET ITEM JUSTIFICATION SHEET										DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		ITEMS LESS THAN \$2 MILLION (NON-TEL)								
		RCN: VARIOUS								
QUANTITY		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001		
		0	0	0	0	0	0	0	0	
COST (IN MILLIONS)		\$ 0.0	\$ 3.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	
<p>THIS IS A ROLL UP LINE WHICH CONTAINS ITEMS FOR PROCUREMENT LESS THAN \$2 MILLION EACH. THE ITEMS INCLUDED IN THIS LINE ARE: ELECTRONIC TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) REPAIR FACILITY AND CALIBRATION AND TRANSFER STANDARDS. THESE ITEMS ARE REQUIRED FOR THE SUPPORT OF GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE), SPECIAL PURPOSE TEST EQUIPMENT (SPTE), GENERAL PURPOSE MECHANICAL TEST EQUIPMENT (GPMTE), AND INFANTRY WEAPONS GAUGES USED TO MAINTAIN MARINE CORPS WEAPONS SYSTEMS. GLOBAL POSITIONING INTERFACE UNITS (GPSIU) THAT ALLOW THE POSITION LOCATION REPORTING SYSTEM (PLRS) REFERENCE UNITS TO INTERFACE WITH A GPS RECEIVER, GREATLY INCREASING THE MOBILITY OF THE PLRS NETWORK.</p> <p>FY 97-01 PROCUREMENT FOR ELECTRONIC TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT REPAIR FACILITY AND TEST, CALIBRATION AND MAINTENANCE SUPPORT LINES ARE IN BLI 463900.</p> <p>FY 97-01 PROCUREMENT FOR AIR COMMUNICATIONS PLATFORM IS IN BLI 464000.</p> <p>FY 94/95/99 PROCUREMENT FOR POSITION LOCATION REPORTING SYSTEM (PLRS) IS IN BLI 458800.</p>										

BLI NR. 498400

P-1 SHOPPING LIST
 ITEM NO. 62 PAGE NO. 1

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4		B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (NON-TEL)		C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS		D. DATE	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE	FY 1995 UNIT COST	FY 1995 QTY TOTAL COST	FY 1996 UNIT COST	FY 1996 QTY TOTAL COST	FY 1997 UNIT COST	FY 1997 QTY TOTAL COST		
ELECTRONIC TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT REPAIR FACILITY (RCN 140247)	A						509		
TEST, CALIBRATION, AND MAINTENANCE SUPPORT (RCN 145879)	A						940		
GPS INTERFACE UNIT (RCN 140014)	B			4,511	314		1416		
ILS							454		
PROGRAM MGMT SUPPORT							57		
TRAVEL							29		
SUBTOTAL PLRS GPSIU					1956				
TOTAL COST							3405		0

BLI NR. 498400
 P-1 SHOPPING LIST
 ITEM NO. 62
 PAGE NO. 2

EXHIBIT P-5

PROCUREMENT HISTORY & PLANNING										DATE:			
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:								
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY					ITEMS LESS THAN \$2 MILLION (NON-TEL)								
CONTRACTOR AND LOCATION					CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REV RQD	IF YES WHEN AVAIL
ELECTRONIC TMDE REPAIR FACILITY													
FY96	VARIOUS				C FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	509,000*	YES	NO	N/A
TEST, CALIBRATION, AND MAINTENANCE SUPPORT													
FY96	VARIOUS				C FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	940,000*	YES	NO	N/A
PLRS GPS INTERFACE UNIT													
FY 96	UNKNOWN				C/FFP	SYSCOM	MAR 96	MAR 97	314	4,511	YES	NO	N/A
REMARKS: * AMOUNT INDICATED IS TOTAL COST. FUNDS ARE USED TO PROCURE SMALL QTY'S OF ELECTRONIC PSY/DIMENSIONAL TEST EQUIPMENT SUCH AS FREQUENCY STANDARDS, CALIBRATION WORKSTATIONS, PRECISION MEASUREMENT MACHINES AND FORCE CALIBRATORS.													

BLI NR. 498400

P-1 SHOPPING LIST
 ITEM NO. 62
 PAGE NO. 3

EXHIBIT P-5A

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P-1 SHOPPING LIST
ITEM NO. PAGE NO.

62

4